

Question and Answeres

From: cipet panipat [mailto:cipetpanipat@yahoo.co.in]
Sent: 04 October 2007 15:16
To: icpe@vsnl.net; icpedelhi@sify.com
Subject: Subscription of journals - Reg.

CIPET/PNP/Library /2007-08/ DATE: 04.10.2007

To

M/s Indian Centre for Plastics in the Environment,

Dear Sir,

Subject : Subscription of journals - Reg.

We Central Institute of Plastics Engineering & Technology (CIPET), a premier Govt. of India institute in field of Plastics Engineering & Technology, is providing Man-Power Training and Technical services activity at Panipat (Haryana).

We are interested to get your Journals, Bulletins, Books etc., for our Library to the benefits of our staffs, trainees and plastics professionals. We request to send the details of your publications and the procedure for getting the above items. Your early response is highly solicited.

With kind regards,

Yours faithfully,

Alok Kumar Sahu
Manager(P)
CIPET
G.T.Road,
Siwah
PANIPAT - 132108

From: yamawaki takashi [mailto:yamawaki@pwmi.or.jp]
Sent: 20 August 2007 10:12
To: icpe@vsnl.net
Subject: information of plastic recycling

Dear Dr. T.K.Bandopadhyay
Technical manager
ICPE

Thank you for your letter dated August 9.

I will send you a paper of waste plastics recycling process using koke ovens. If you are interested in this technology, please contact to Mr.Kataoka.

Mr. Takaharu Kataoka
Group manager
Plastic recycling department
Yawata works
Nippon Steel Corporation
1-1 Tobihatacho Tobataku Kitakyusyu-city 804-8501 Japan

Best regards,Top
T.Yamawaki
Plastic Waste Management Institute in Japan

From: icpe [mailto:icpe@vsnl.net]
Sent: 11 August 2007 12:50
To: omkaradp@vsnl.com

Subject: FW: Our discussion on phone - Plastic clean waste disposal

Please find herewith 2 attachments giving the list of Recyclers of Plastics Waste and Dealer/Trader of Plastic Wastes mostly in Mumbai area.

You may contact the individual recyclers / traders for further information.

Regards,
T.K. Bandopadhyay
Technical Manager
Indian Centre for Plastics in the Environment (ICPE)
2nd Floor, Kushesh Mansion
48/54, (Janmabhoomi Marg)
Fort, Mumbai - 400 001
Websites : www.icpeenvi.nic.in, www.envis-icpe.com , www.icpenviro.org

From: icpe [mailto:icpe@vsnl.net]
Sent: 11 August 2007 12:41
To: icpe
Subject: FW: Our discussion on phone - Plastic clean waste disposal

From: omkaradp@vsnl.com [mailto:omkaradp@vsnl.com]
Sent: 27 July 2007 20:43
To: Shri Bandhopadhyay
Subject: Our discussion on phone - Plastic clean waste disposal

II Hari Om II

Dear Shri Bandhopadhyay,
I sincerely thank you for giving me your valuable time & suggestion on disposal of Plastic waste that we intend to collect. As discussed over Telephone.....

As a drive against excessive use of Plastic Bags, & to help System of Recover Recycle & Reuse of Plastic Waste, we DMVs (Disaster Management Volunteers) of AADM (Aniruddha Academy of Disaster Management) intend to collect Plastic Waste (In totally cleaned form) at Param Pujya Sadguru Shri Aniruddha Bapu's Pravachan Sthal at New English School, Bandra East.

At first stage - we are exploring possibility of disposing this un-segregated waste to waste dealers or to Recyclers.

Next - whether we could make some useful articles - Lumbers , Ropes - from this waste....

Since ICPE is a Pioneer Organization in in Helping Re-Greening the Planet, we are seeking following help from you...

1. To get Names & Addresses of dedicated Waste Dealers who could collect Regularly (once a week) Cleaned Plastic waste from us
2. To get Names & Addresses of Recyclers - a). Pallet makers, b). Rope & Lumber makers in Mumbai
3. Whether ICPE can give details in personal visit.

Kindly reciprocate & oblige.... Top

ICPE can contact me on my cell - 98207 01396 for further information on AADM activities.

Also, please send details of ICPE membership & periodicals' subscription if any.

Thank you once again.

Hari Om

S P Jaywant

From: Vinod Kumar Goyal [mailto:vkg2311@rediffmail.com]
Sent: 24 July 2007 12:15
To: icpe@vsnl.net
Cc: vkg231146@yahoo.co.in
Subject: information required about plastics reuse

Dear Mr. T. K. Bandopadhyay

I take this opportunity to introduce me as professor in Shiva Institute of Management Studies, Ghaziabad for PGDBM course equivalent to MBA.

I am working on a research paper on eco-friendly recycling of waste/scrap plastics. I solicit your help in providing me some data for existing scenario and future scope.

I shall be obliged if you could spare some of valuable time and help me. In case you have some printed material or hard copy then you may send the same to me at following address:

Prof. V. K. Goyal
Shiva Institute Of Management Studies
364-5, Pandav Nagar Industrial Area
(Near Rajapur Railway Crossing)
GHAZIABAD -201 002

With thanks & regards,
V. K. Goyal

From: INDIAN PLASTICS FEDERATION [mailto:ipf@cal2.vsnl.net.in]
Sent: 19 July 2007 15:59
To: I.C.P.E.
Cc: Indian Plastics Federation
Subject: FREQUENTLY ASKED QUESTIONS

Kind Attn: Mr. T. K. Bandyopadhyay

Dear Sir,

We have received just now the books required by us. Thanks very much for your prompt action.

With regards

Yours faithfully
R. N. Sanyal

-----Original Message-----

From: pankaj aggrawal [mailto:pankajtring@yahoo.com]
Sent: 19 July 2007 11:34
To: icpe@envi-icpe.com
Cc: icpe@vsnl.net
Subject: information on the recycling of polypropylene wastages

dear sir,

we are engaged in recycling of polypropylene wastages since last 4 years. now a days we came to hear that more advance technology for polypropylene wastages. we manufacture PP sutli, PP ropes, Monofillament ropes etc. we are facing with the quality. the quality we products which we manufacture does not have gladge, strength. please send us the procedures and list of chemicals to improve our product quality.

thanking you

pankaj agrawal
baba plast industries
nepal

From: shuvzemgroup [mailto:shuvzemgroup@gmail.com]
Sent: 15 July 2007 21:21Top
To: icpe@vsnl.net; icpe@envis-icpe.com
Subject: Waste plastics convert into fuel Technology - reg.

Dear sir,

I am S. SENDIL NADIN from Pondicherry. I already spoke to you regarding with Waste Plastic convert into fuel Technology inventors{Prof. Alka Umesh Zadgaonkar} address and phone no. i want this phone number for contact and technology transfer details for setup manufacturing unit at pondicherry.

Please kindly send those one as early sir.

Thanking you sir,

S.SENDIL NADIN

-----Original Message-----

From: sethu madhavan [mailto:l_n_sethumadhavan@yahoo.com]
Sent: 09 July 2007 00:01
To: icpe@vsnl.net
Subject: management of plastics

Dear Sir,

I will be grateful if you can advice the method of management of plastic in an economical way.

L.N.Sethumadhavan,
Retd.Sr.Dy.General Mnager-Larsen&Toubro Limited,
General Secreatry-Karikkamuri Residents' Assocaition,
Karikkamuri Cross Road ,
Ernakulam,
Kochi-682011

From: Rajesh.K.Gera@ril.com [mailto:Rajesh.K.Gera@ril.com]
Sent: 16 June 2007 11:43
To: icpe@vsnl.net
Subject: Re:

Dear Mr. Bandopadhyay,

Trust u have sent the note y/day.
Pl. include us in your mailing list.

Regards
R.K.Gera
GM Market Development
RIL PET Divn.

Dear Mr. Bandopadhyay,

We could locate related info in regard to 'Environment friendliness of Plastics' on your site.

Incidentally seen IIP reports on packaging of different materials which are detailed/useful.

As discussed, we are encl. our address for sending any related info. thru post
*.Top

Regards & Thanks,
R.K.Gera

(15.06)

Dear Mr. Bandopadhyay,

As discussed, would be grateful to receive info. in regard to above, possibly by today AN urgently pl.

Regards
R.K.Gera
GM Market Development
RIL PET Divn.

From: Chitralekha Yadav [mailto:chitralekhayadav@gmail.com]
Sent: 11 June 2007 13:14
To: icpe@vsnl.net
Subject: RECYCLING PRGRAM

Dear Sir/Madam

Hi! I'm a student in pune and am keen to initiate a recycling program in my college. I need some information about recycling plants in Pune which can collaborate with my institution and promote recycling, which is not a trend currently. Students also tend to litter, and do not see the long-term consequences of such a practice.

I have faculty support but need more information about recycling companies and their respective coordinators to actually present the plan to the HOD.

Any information or guidance in this regard will be very highly appreciated!

Thanking you
Sincerely,
Chitralekha Yadav

CIPET-Hal/Lib-140/2006-07/ Date: 08-05-2007

To
Mr. T K Bandopadyay, Technical Manager
Indian Centre for Plastics in the Environment
Kushesh Mansion (2nd Floor)
22, Cawasji Patel Street and
48/54, Janmabhoomi Marg, Fort,
Mumbai - 400 001

Sub: Publications of ICPE - reg

Dear Sir

We appreciate your valued attention and prompt response to our Mail. The details Postal Address and Phone Nos. of our Institute are hereunder:

Central Institute of Plastics Engineering & Technology
City Centre,

PO:Debhog, Haldia
Purba Medinipur - 721 657
(W.B.)
E-mail : cipeth@sancharnet.in, cipethaldia@dataone.in

This is for your information and further needful action at your end.

Thanking you

Yours faithfully
Dy. Director

-----Original Message-----

From: ICPE [mailto:icpe@vsnl.net]
Sent: Tuesday, May 08, 2007 4:07 PM
To: cipeth@sancharnet.in
Subject: Re: Publications of ICPE - reg

Please send us your full postal address to enable us to send the hard copy of the Newsletters.

Our newsletters are regularly posted in our websites also. You may view the same through the following website address:

www.icpeenvis.nic.in ; www.icpenviro.org ; www.envis-icpe.com

Regards,
T K Bandopadhyay
Technical Manager
Indian Centre for Plastics in the Environment (ICPE)
2nd Floor, Kushesh Mansion
48/54, (Janmabhoomi Marg)
Fort, Mumbai - 400 001
Website: www.icpeenvis.nic.in
www.icpenviro.org
www.envis-icpe.com

----- Original Message -----

From: cipet

To: icpe@vsnl.net

Sent: May 08, 2007 04:03 PM

Subject: Publications of ICPE - reg

CIPET-Hal/Lib-140/2006-07/ Date: 08-05-2007

To

Mr. T K Bandopadyay, Technical Manager
Indian Centre for Plastics in the Environment
Kushesh Mansion (2nd Floor)
22, Cawasji Patel Street and 48/54, Janmabhoomi Marg, Fort,
Mumbai - 400 001

Sub: Publications of ICPE - reg

Dear Sir

With the reference cited above, this is to inform that our Organisation, CIPET is closely involved with Plastics and Waste Management activities. Our Extension Centre at Haldia, West Bengal is also having full fledged facilities and infrastructures for Training, Testing, Tooling / Designing in the field of Plastics Engineering & Technology.

In line of our activities we are interested to receive your valued Publications on regular basis for our Library. These publications can help our faculties and also to the students to carry out Project Works, Seminars etc. to bring Plastics use and Awareness.

In this connection it is requested to send your valued Publications to our CIPET Haldia Extension Centre on a regular basis.

Looking forward in this endeavor and expecting your kind cooperation in this regard.

Thanking You,

Yours faithfully
Deputy Director

From: Rushita [mailto:rushita@aslfinancial.com]
Sent: 07 May 2007 12:06
To: icpe@vsnl.net
Cc: KPATWA; Bhuvan Motta; nitasha rathod
Subject: Use of Information

Dear Sir,

We like to use data relating to Plastics and PVC available on your website for publishing in one of our Offer Document of an IPO.
Request you to give your consent for the same.

Please find attached the data.

Thanks & Regards,

Rushita Ranka
Investment Banking.

Allianz Securities Limited,

From: ICPE [mailto:icpe@vsnl.net]
Sent: 05 May 2007 16:52
To: icpe@vsnl.net
Subject: Fw: ICPE News Letter - Oct-Dec 2006

----- Original Message -----

From: "ICPE" <icpe@vsnl.net>
To: "Prof. R. Subba Rao" <rr_subba@amrita.edu>
Sent: May 05, 2007 04:46 PM
Subject: Re: ICPE News Letter - Oct-Dec 2006
> Dear Dr. Subba Rao,

> During recovery of Energy from Polyethylene within an incinerator system might typically be around 80%. However, if the same is required to run a broiler to produce steel for further utilisation, following loss factors have to be considered :

- a.. Loss due to Net Calorific Value
- > b.. Loss due to Water Contamination
- > c.. Loss due to other contaminations
- > d.. Loss due to broiler efficiency (taking 80% efficiency)
- > e.. Loss due to distribution
- > f.. Loss due to unused steam (taking 50% utilization)

Studies have shown that from original 45 MJ of energy in the input polymer only about 32% is available for heating purpose. When this energy is used for generation of electricity, further conversion loss has to be calculated and eventually only about 24% of the original

45MJ can be recovered as useable electrical energy. Whereas in the case of conversion of the plastics waste into fuel in a > closed loop reactor system, it has been observed that about 80% conversion

on weight to weight basis is possible as there is no great loss due to the broiler system and conversion to electricity energy etc.

> Reference : 1. For Energy Generation : Recycling and Recovery of

Plastics Brandrup / Bittner /

Menges / Michaeli (Institut for Plastics rocessing - IKV, Aachen, Germany
2. For Conversion to Fuel : Information obtained from Dr. Alka Zadgaonkar
Process of Conversion of Plastics Waste into Fuel.

> Hope you will find the above explanation in order.

> Regards,

> T K Bandopadhyay

Technical Manager

Indian Centre for Plastics in the Environment (ICPE)

2nd Floor, Kushesh Mansion

48/54, (Janmabhoomi Marg)

Fort, Mumbai - 400 001

Tel. Nos.: 022-22820491 / 22820496 Fax No. : 022-22820451

Website: www.icpeenvi.nic.in www.icpenviro.org www.envis-icpe.com

----- Original Message -----

> From: "Prof. R. Subba Rao" <rr_subba@amrita.edu>

To: <icpe@vsnl.net>

Cc: <icpedelhi@bol.net.in>Top

Sent: April 27, 2007 01:26 PM

> Subject: ICPE News Letter - Oct-Dec 2006

> > Dear Sir,

> > I request you to refer to your article Plastics Recycling -page No.5, in whhich it is said:

> > ".....Studies have shown that if polyethylene is burnt in an incinerator and the heat energy generated is used to produce steam for further use for central heating or for other purpose, from the orignal 45

> > MJ of energy in the input polymer, only 15 MJ or 33% ia available for heating, whereas 80% recovery has been reported in case of fuel....."

> > I will be grateful if the reasons for the above phenomenon is explained.

> > I look forward to your mail.

> > With kind regards,

> > Subba Rao

> > Prof.R.Subba Rao

> > Chairperson, Department of Polymer Engineering,

> > Amrita School of Engineering,

> > Amrita Vishwa Vidyapeetham,

> > Ettimadai, Coimbatore -641 105

From: jayashree Rao [mailto:j_shreerao@yahoo.co.in]
Sent: 03 May 2007 18:53
To: TK Bandopadhyay
Subject: [SPAM] - Requirement of posters

Dear Sir,

I would like to introduce my self as Mrs.Jayashree, Principal, Montessori School, Anantapur. Recently I had been to the IPLEX exhibition and interacted with you. You had promised to send me posters to create awareness among students about Plastic.

My Team and my self are actively involved in conducting workshops on various social aspects. After seeing your impressive exhibits, I have planned for a workshop in the month of July-2007, on usage of plastics. It will be very much helpful, if you could send me the posters concerned on plastics to my organization.

Thanking you

yours sincerely
Top
Y. Jayashree Rao

Our Address for communicatrion as follows :
The Principal,
MONTESSORI SCHOOL
28-996, SANGAMESH NAGAR
ANANTAPUR - 515 001, (AP) INDIA

From: icpe [mailto:icpe@vsnl.net]
Sent: 02 May 2007 14:38
To: packagingdevelopment@aurobindo.com
Cc: KRRao%aurobindo@aurobindo.com; icpedelhi@sify.com
Subject: RE: Presentation on Recycle and Reuse of Plastics

We will forward the same to you shortly.

Regards.

T.K.Bandopadhyay

Indian Centre for Plastics in the Environment
Kushesh Mansion, 2 nd Floor
48/54, Janmabhoomi Marg, Fort
Mumbai 400001
Ph: 022 22820491 / 022 22820496: Fax: 022 22820451
www.envis-icpe.com / www.icpenviro.org / www.icpeenvis.nic.in

From: packagingdevelopment@aurobindo.com
[mailto:packagingdevelopment@aurobindo.com]
Sent: Wednesday, May 02, 2007 2:26 PM
To: icpe@vsnl.net; icpedelhi@sify.com
Cc: packagingdevelopment@aurobindo.com; KRRao%aurobindo@aurobindo.com
Subject: Presentation on Recycle and Reuse of Plastics Importance: High
Dear Sir,

With reference to the above said subject I have visited your stall at Hyderabad exhibition (IPPEX) your stall is wonderful and excellent.

I am interested to know more bout recycle and reuse of plastic, so please kindly send to me the presentations of the plastics reuse and recycle.

Regarding the same I have discussed with your coordinator and he has agreed to send the same

Please send the same to this mail ID's

Your prompt response will be appreciated

Thanks & Best Regards
Vara Kumar
Packaging Technologist
Auro House, Packaging Development,
Survey No. 313, Bachupally Village,
Quthbullapur Mandal, R.R Dist. - 500 072,
Hyderabad, Andhra Pradesh, INDIA

From: sudheer yalamanchili [mailto:sudheery1@rediffmail.com]
Sent: 06 April 2007 12:32
To: icpe@vsnl.net
Cc: icpe@envis-icpe.com
Subject: enquiry

Dear sir,

I WANT TO CONVERT USED PLASTIC 'CARRY BAGS' INTO BRICKS . CAN YOU GIVE ME DETAILS.

SUDHEER.

From: chongpan.lim@sg.huhtamaki.com [mailto:chongpan.lim@sg.huhtamaki.com]Top
Sent: 04 April 2007 12:24
To: icpe@vsnl.net
Subject: biodegradable plastic material

Dear Sir/Madam,

my company is committed and keen in using biodegradable plastic material for our future food and beverages packaging application. As such, i am interested to find out more source of these type of material, particularly for injection and thermoforming application. Do you think you can help me?

Thanks in advance.

Best Regards,

Lim, Chong Pan
Supply Chain Manager, Asia Rigids
Huhtamaki Singapore Pte Ltd
23 Woodlands Terrace
Level 1M
Singapore 738472

From: nair@divinegroup.org [mailto:nair@divinegroup.org]
Sent: 30 March 2007 12:36
To: icpe@vsnl.net
Cc: rajeev@divinegroup.org; sandeep@divinegroup.org
Subject: pet bottle collection centers

Kind Atten : Shri Bandhapadyay, Co-Ordinator

I refer to our telephonic discussion today morning. As explained to u, we have set up a large recycling plant for processing pet bottles/scraps at Kandla Gujarat. We will have large requirements of pet bottles/scraps in the coming months.

In this reagrd, kindly provide us with the list of collection centres, telephone numbers. NGO's etc who are collecting the same under your guidance. Your valuable information is earnestly solicited.

This information may please be given urgently.

Thanks and with best regards

Ashok K Nair
DGM Raw Material
Divine Polymer Products Ltd.,
Mumbai

From: Jeffrey Zhang [mailto:shanghaibz@yahoo.com]
Sent: 24 March 2007 04:10
To: icpe@vsnl.net
Subject: Question,

Dear Sir,

Would you please tell us how much petroleum to produce a ton of polystyrene?
We knew it is not a simple question, but just need to know rough answer !

We will appreciate if you give me the answer!

Regards

JackTop

From: Secretary, ISEB [mailto:isebnbrilko@satyam.net.in]
Sent: 23 March 2007 15:31
To: icpe
Cc: K. J. Ahmad; K. J. Ahmad
Subject: Re: Permission for publishing ICPE Newsletter Article

Respected Sir,

As desired I sending the desired matter as an attachment.

ISEB Secretariat

----- Original Message -----

From: icpe
To: 'Secretary, ISEB'
Cc: Sujit.Banerji@ril.com ; KG.Ramanathan@ril.com

Sent: Friday, March 23, 2007 11:31 AM

Subject: RE: Permission for publishing ICPE Newsletter Article

Dear Sh. Ahmed,

ICPE welcomes reproduction of the article in any magazine / Newsletter.

However as you showed interest to publish only extracted part of the article, ICPE desires to ensure that the main theme of the message is expressed in the extracted part also.

Hence we would appreciate if you could send us the actual text which you propose to publish in your newsletter. We would immediately accord ICPE's consent to your request.

We thank you for your interest in articles published in ICPE Newsletter.

Regards.

T. K. Bandopadhyay
Technical Manager
Indian Centre for Plastics in the Environment
Kushesh Mansion, 2 nd Floor
48/54, Janmabhoomi Marg, Fort
Mumbai 400001

Ph: 022 22820491 / 022 22820496: Fax: 022 22820451
www.envis-icpe.com / www.icpenviro.org / www.icpeenvis.nic.in

From: Secretary, ISEB [mailto:isebnbrilko@satyam.net.in]
Sent: Friday, March 23, 2007 10:33 AM
To: T. K. Bandopadhyay
Cc: K. J. Ahmad; K. J. Ahmad
Subject: Permission

Mr. T.K. Bandopadhyay
Technical Manager, ICPE

Mumbai.

Dear Sir, Top

I seek your permission to publish an extracted version of the article "Plastics in the Environment" by Prof. M.M. Sharma, F.R.S. & Dr. R.A. Mashelkar, F.R.S (Eco-Echoes Vol. 7, issue 3, July - September 2006) in our quarterly newsletter, Environews, April 2007 issue. We will publish the names of the authors along with the name of your esteemed newsletter. A copy of our newsletter will also be mailed to you.

Best regards,

K.J. Ahmad
Secretary, International Society of Environmental Botanists,
National Botanical Research Institute Campus,
Rana Pratap Marg, Lucknow - 226001, India.

From: icpe [mailto:icpe@vsnl.net]
Sent: 01 March 2007 11:48
To: 'ruzaan bharucha'
Cc: icpe
Subject: RE: FW: Query

Thank you for identifying yourself and clarifying the purpose of your query. Firstly, the recycling of the waste Lamitubes have already started commercially in India, though not in a very big scale. There are such recycling units near Mumbai, Indore and Kolkata (they make compressed boards/ lumbars) and in Nagpur (fuel recovery).

The answer to your second question is - yes, Lamitubes are better in all aspects compared to recycled aluminium too, mainly due to energy saving and fuel saving during transportation due to light weight, apart from other benefits. Moreover, if you are ready and allowed (by regulations) to use 100% recycled aluminium for the particular health and hygiene product, you may consider using the similar recycled aluminium foil in the construction of the lamitube structure as well, instead of using 100% virgin aluminium foil.

(In Lamitube structure, there are 7 to 8 layers of different plastics materials and also contain in some products, one layer of thin gauge aluminium foil).

Hope you will find the clarifications in order.

Regards.

T.K.Bandopadhyay

-----Original Message-----

From: ruzaan bharucha [mailto:rbc_111@yahoo.co.in]
Sent: Wednesday, February 28, 2007 7:27 PM
To: icpe

Subject: Re: FW: Query

Dear sir,

Firstly let me thank you for the prompt reply.

Top

I work in a company manufacturing oral hygiene products, wherein we make use of aluminium tubes. I have always been or tried my best to be environmentally friendly and so wanted to update my knowledge regarding the same.

I am satisfied with your answer (i hope you are right)

Also, is this recycling of lamitubes done in india or this practise is prevalent in other developed countries??

And what if the tubes were made out of recycled aluminium?? Would you still say that lamitubes are better??

Thankyou once again...

Ruzaan Bharucha.

--- icpe <icpe@vsnl.net> wrote:

> You have our answers to the queries raised. Now we request for the following:
> * Your contact details - address / phone etc. * The purpose of your asking the said queries. * How you came to know about ICPE?

> * Are you satisfied / convinced with our answeres?

> Regards.

> T.K.Bandopadhyay

> -----Original Message-----

> From: icpe [mailto:icpe@vsnl.net]
> Sent: Tuesday, February 27, 2007 5:24 PM
> To: 'ruzaan bharucha'
> > Subject: Query

> Answer to query no. 1:

> Yes, Lamitubes can be recycled and are being recycled.

> There are different methods. One is to compression mould the prepared waste to compressed sheets / lumbers for use in applications in replacements of wood. The other method is called Feed stock recovery in which Fuel is recovered from the plastics component of the waste, while the metal part is deposited at the bottom of the reactor and collected separately.

> Answer to query no. 2:

> Plastics laminated tubes are better in all considerations including the environmental aspects, compared to using only alluminium tubes.

> In fact Lamitubes have replaced the alluminium tubes world over for various applications. The major benefits of using Lamitubes are:

> * Energy consumption is less and hence more environment friendly. * Light weight and hence saves fuel during transportation.

> * Cost effective hence economic.

> * The recycled / recovered Lamitubes save natural wood /

> fossil fuel and hence are environment friendly in its second generation also.

> For more detailed information, you may please visit ICPE website and go through the articles published in different Issues of Newsletter. The January - March, 2004 Issue of Newsletter has one article Life Cycle Analysis of Plastics in Packaging in Terms of "Cradle to Grave" approach. Another Issue of Apr - Jun, 2005 also carries one article - "Trends in Plastics Packaging, Ecological Aspects".

> Hope you will find the information in order.

> Regards.

> T.K. Bandopadhyay
Technical Manager

> Indian Centre for Plastics in the Environment
Kushesh Mansion, 2nd FloorTop
> 48/54, Janmabhoomi Marg, Fort, Mumbai 400001
> Ph: 022 22820491 / 022 22820496: Fax: 022 22820451
> www.envis-icpe.com / www.icpenviro.org / www.icpeenvis.nic.in

> -----Original Message-----

> From: ruzaan bharucha [mailto:rbc_111@yahoo.co.in]
> Sent: Tuesday, February 27, 2007 4:07 PM
> To: icpe@vsnl.net

> Subject: query

> Dear sir/madam,

I have the following queries:-

> 1) can plastic laminated tubes (ones which oral care products use) be recycled??

> 2) which one would be better environmentally :- plastic laminated tubes or alluminium tubes?? (of course taking into consideration the cradle to grave approach)

> Hope im not troubling you too much, thanking you in anticipation,

> Yours faithfully,

> Ruzaan Bharucha.

From: R R N Sailaja Bhattacharya [mailto:sailajab@teri.res.in]
Sent: 07 February 2007 10:40
To: icpe

Subject: Re: Your Request for ICPE Newsletter

Dear Mr. Bandopadhyay

Thank you for your reply. My full mailing address is
Dr. Sailaja Bhattacharya
Fellow
The Energy and Resources Institute (TERI)
(southern Regional Centre)
4th main 2nd cross
Domlur II stage
Bangalore 560071

I work in the field of biodegradable plastics like starch or soy based plastics. I am also working on wood based and recycled plastics. I would also be glad to subscribe to your journal through our institute. with warm

regards and best wishes.

yours sincerely

sailaja

"icpe" <icpe@vsnl.net>

To

06/02/2007 06:05 "'R R N Sailaja Bhattacharya'" PM <sailajab@teri.res.in>

Subject

Your Request for ICPE Newsletter

Dear Sh. Bhattacharya,

We are glad to know that you found our Newsletter useful.

We will include you in our Newsletter mailing list. This comes free from Top ICPE as a Social Awareness Programme.

Please send your complete mailing address for receiving the Hard Copy. The Newsletter can also be viewed in our website.

Regards.

T. K. Bandopadhyay
Indian Centre for Plastics in the Environment
Kushesh Mansion , 2nd Floor
48/54, Janmabhoomi Marg, Fort
Mumbai 400001
www.envis-icpe.com / www.icpenviro.org / www.icpeenvis.nic.in

-----Original Message-----

From: R R N Sailaja Bhattacharya [mailto:sailajab@teri.res.in]
Sent: Tuesday, February 06, 2007 3:52 PM
To: icpe@vsnl.net

Subject: ICPE

Dear Mr. T.K.Bandopadhyay

I would like to subscribe to your journal/newsletter. I am interested in the field of environment-friendly plastics/biodegradable plastics. I would be grateful if you can kindly send me subscription rates at the earliest. regards.

Yours sincerely

sailaja

Dear Mr.Chetan Chavhan,

We are sending you a courier today maybe by tomorrow (24/01/07) morning you should get it.As per your address given below. Regarding soft copy you can visit our website has mentioned earlier (Newsletter Section) you can download.

Regards

ICPE Secretariat

----- Original Message -----

From: chetan chavhan

To: ICPE

Sent: Tuesday, January 23, 2007 10:34 AM

Subject: Re: Regarding the plastics waste management

hello sir, Im really thankful to u sir. Thank u very much for ur kind co-operation sir. Can i know that in how many days i'll get it? Can u plz sent some soft copies and pdf files and also ppt's which i think will brief my knowledge about the topics?.....Thanking You.

ICPE <icpe@vsnl.net> wrote:

Dear Mr.Chetan Chavhan,Top

As per your request to Shr.Rajiv Tolat, we are sending you the hard copy of our (Indian Centre for Plastics in the Environment(ICPE)) Newsletter at M.I.T Engg College. It is requested that the book after your referral may please be kept in the College Library for the benefit of others. Meanwhile you are requested to kindly visit our website (www.envis-icpe.com / www.icpenviro.org / www.icpeenvis.nic.in) for more information particularly our Newsletter section.

Thanking you,

Regards,

ICPE Secretariat

Indian Centre for Plastics in the Environment

Kushesh Mansion, 2nd Floor

48/54, Janmabhoomi Marg, Fort

Mumbai 400001

Ph: 022 22820491 / 022 22820496: Fax: 022 22820451

Email: icpe@vsnl.net

www.envis-icpe.com / www.icpenviro.org / www.icpeenvis.nic.in

----- Original Message -----

From: chetan chavhan

To: saiplastics@rediffmail.com

Sent: Monday, January 22, 2007 5:48 PM

Subject: Regarding the plastics waste management

hello sir, Im chetan chavhan studying in MIT engg coll final year polymer engg, we had a meet at PLASTO,2006 which was held at pimpri, Sir i read ur articles about the use of plastic waste in tar roads and fuel from plastics and im goin to present papers on these topics. can u please kindly guide me in the proper direction for the further procedings and please send me the material ur havin regarding these topics? Im waiting for ur reply. Thank u.

Chetan Chavhan,

B.E. Polymer Engg,
M.I.T. Engg College ,
Pune 38

Top

From: ICPE [mailto:icpe@vsnl.net] Sent : Sunday, Jan 18, 2007, 12 30 pm
To: Basar Exports {Comp2}
Cc: INDIAN PLASTICS INSTITUTE; ipi@vsnl.com; icpe@vsnl.net
Subject: Re: List of Plastic Waste Recycling Plant Manufacturers.

Please find the attached file containing some of the machinery manufacturers who supply plastics recycling machinery's. You are requested to contact them directly with your requirement.

You are also requested to attend the Asia Pacific conference on Recycling of Plastics at Mumbai 23-24th February, 2007. for details contact :

Indian Plastics Institute.
30, Sarvodaya Indl.Estate,
1st Floor,Off Mahakali Caves Road,
Near Paper Box Factory,
Andheri (E),
Mumbai 400 093.
Email: ipi@vsnl.com / ipi@bom3.vsnl.net.in
Website : <http://www.inplastin.org>

We are also sending you the hard copy (Boucher) of the same. We are sure that you will benefit from these conference.

Regards,

T.K.Bandopadyay

Indian Centre for Plastics in the Environment (ICPE)
2nd Floor, Kushesh Mansion
48/54, (Janmabhoomi Marg)
Fort, Mumbai - 400 001

----- Original Message -----

From: Basar Exports { Comp2 }
To: icpe@vsnl.net

Sent: January 16, 2007 05:16 PM

Subject: Fw: List of Plastic Waste Recycling Plant Manufacturers.Top

Dear Sir,

Letter have already been sent to you by mail, but there is no reply from your side.

Waiting for your favourable reply.

Kind Attn: Mr. T.K.Bandopadyay

Dear Sir,

A copy of letter is attached herewith.
Awaiting for your favourable reply.

Thanks & Best Regards
For Basar Technoplast Pvt. Ltd.

----- Original Message -----
From: "icpe" <icpe@vsnl.net>
To: <Rajive.Bansal@ipcl.co.in>
Cc: "icpe" <icpe@vsnl.net>
Sent: September 11, 2006 06:05 PM
Subject: RE: Plastic handloom and tar road
Top

> (A).
> The details of the project have not yet been finalized. Initial analysis have
been made and more information has been sought from the Delhi based NGO.
>
> On receiving the details and upon compilation of the ame, the information
would be shared.
>
> (B).
> Tar road with plastics waste has already been established in the states of
Tamil Nadu and some parts of Karnataka.
> We are couriering you the notes on the subject, which gives all the properties
of the road.
>
> ICPE would assist your engineering team for implementing the technology in
your area. Please let us know for fixing a mutually convenient date for
such meeting.

> Regards.

>
> T.K.Bandopadhyay

>
>

> -----Original Message-----
> From: Rajive.Bansal@ipcl.co.in [mailto:Rajive.Bansal@ipcl.co.in]
> Sent: Saturday, September 09, 2006 12:04 PM
> To: icpe@vsnl.net
> Subject: Plastic handloom and tar road
> Importance: High
>Top
> Awaiting for your valued response.
> Regards
> (Rajive Bansal)
> Ph. No. 02194 - 222280 EXT 8026 (I/C)
> Fax No. 02194 - 222176/222261
> E - MAIL - Rajive.Bansal@ipcl.co.in
> Mobile - 9373712428

> ----- Forwarded by Rajive Bansal/NC/IPCL on 09/09/2006 12:00 PM -----

>
>

Rajive Bansal

>
>

> To: icpe@vsnl.net
> 08/25/2006 07:02 PM cc:
> Subject: Plastic handloom and tar road

>

> Please refer to your latest newsletter wherein there was a display of handloom
made of plastic bags . Please mail all the details of this

venture and its applicability in a village with cost implication and market of the product produced .

>

> Further lot of trails has been conducted on TAR road made with plastic waste . Is this process commercialized and what are its specification .

> kindly mail the details so that we can incorporate this in our tender document and include for all the roads planned in future in our township

.

> Also the details on additional cost implication over and above the normal tar road coupled with merits will help in implementation of this novel

> concept.

>>

> Regards

> (Rajive Bansal)

> Ph. No. 02194 - 222280 EXT 8026 (I/C)

Please find attached herewith the List of Machinery Manufacturers and Plastics Recycling.

Regards,

T K Bandopadhyay
Technical ManagerTop

----- Original Message -----

From:Umashankar Sharma
To:icpe@vsnl.net
Sent: May 01, 2006 05:57 PM

Subject: acknowledgement of mail

Dear Sir/ Sh. Bandopadhyay,

I'm extremely thankful for your response. I'm trying to acquire to land for this purpose but my attempts ,as matter of fact, may take some more time,

Apart form that, I , very moderately , may bring to your kind notice that the list of machine manufacturers as specified in your letter, was not a part of dispatched material.

I will also request your institution to send me regularly the issues of echoe-echoes to keep a breast of changeth in this sector. I express my deep gratitude again for your kind assistance.

Please send the list too.

Sincerely Your's

Shillong

Umashankar Sharma

09436116998

We are sending you a booklet on "It's My World - Imagination for a Cleaner Environment" and " Plastics and the Environment : Point-Counterpoint & Frequently Asked Questions."

Kindly refer these books for making your school presentation.

Also please visit our website www.icpeenvi.nic.in ; www.icpenviro.org ;

www.envis-icpe.com for any reference.

Regards,

T K Bandopadhyay
Technical Manager
Top

----- Original Message -----

From:jagan mehta
To:icpe@vsnl.net

Sent: September 10, 2006 09:27 PM

Subject: for school children education

I am invited to talk on plastics & its impact on environment during a popular lecture series at CSC ahmedabad to highschool students.

Do u have any powerpoint presentation to enhance my ideas to school students?

pl. arrange to send by return mail.

JAGANMEHTA
Senior technical Asst.(Selection Grade)- Plastics testing lab.
cipet- ahmedabad

Thanking You,

Yours faithfully

Jagan Mehta
B.NO 11, KAMESHWAR TWINS,AHMEDABAD-380 015
PH- 079-2660 0398

Top

Dear Shri Desai,

We have discussed the matter today over telephone.

As you are aware, Delhi High Court in its Order dated 26th April 2006 had, alongwith some other instructions considered the following points for enforcing by the State Government immediately.

1. Banning of multilayer and laminated packaging
2. Installing of Pollution Control Device in Plastic Recycling Machines
3. Application of size and thickness criteria to all shapes of bags (regardless of D-punched or waist type) and extended producer responsibilities.

Earlier, the Delhi Government had already issued a Notification in Delhi Gazette Extraordinary dated 10th Feb 2005, prohibiting manufacture, sale and usage of plastic bags other than degradable plastic bags in the National Capital Territory of Delhi. ICPE had made representation to MoEF on the subjects alongwith Members of Plastic Industry. Your goodself was also present during ICPE led Industry meet with MoEF on 21st Nov. 2005. Copies of ICPE Presentations were circulated earlier to all concerned. We are attaching the copies alongwith this message for your ready reference.

The next date of Delhi High Court Hearing on the Case is scheduled on 21st Sept. 2006. During the Combined EC-GC Meeting of ICPE held on 2nd Sept. 2006, it was proposed that local plastics associations of Delhi or All India

Plastics Manufacturers Association (AIPMA), may appraise the Court on the points raised by ICPE in its letter addressed to Chairman, CPCB with a copy to Secretary, MoEF, citing the deficiency in some of the points in CPCB's affidavit to the Delhi High Court, based on which the Hon'ble Court had issued such Order.

You have indicated to initiate action from your side on the matter suggesting us to send you the details. Hope you will find all the references in order. In case of any clarifications, please get in touch with the undersigned.

Top
Regards,

T K Bandopadhyay
Technical Manager

Indian Centre for Plastics in the Environment (ICPE)
2nd Floor, Kushesh Mansion
48/54, (Janmabhoomi Marg)
Fort, Mumbai - 400 001

Tel. Nos.: 022-22820491 / 22820496 Fax No. : 022-22820451

As per the telephonic discussion with Mr. Vaghasia, please find herewith the contact details of PET Recycling Project into Filaments :

SASMIRA
The Synthetic Art Mills' Research
Association
Sasmira Marg, Worli
Mumbai - 400 025.
Tel : +91-22- 24935351
Fax : +91-22- 24930225
E-mail: sasmira@vsnl.com
Website : <http://www.sasmira.org>

Mr. P.V.S.Prasad
Reliance Industries Limited
Reliance Centre, 2nd floor-A wing
36, Walchand Hirachand Marg
Ballard Estate
Mumbai - 400 038, India]
Tel : +91-22-3032 7730
Fax : +91-22-2284 7753
Cell : +91-22-3101 5410
E-mail : PVS.Prasad@ril.com

Regards,

T K Bandopadhyay
Technical Manager
Top

----- Original Message -----

From:PVS.Prasad@ril.com
To:"mira_plastic_[mailto:mira_plastic@yahoo.com]"
Cc:icpe

Sent: August 16, 2006 02:38 PM

Subject: Re: FW: for waste recycled PET and chemicals

PET recycling is not as simple as others thermoplastics. You are requested to

meet us with prior appointment to understand your plans.

Regards

P.V.S.Prasad

Reliance Industries Limited

Reliance Centre, 2nd floor,

36, Walchand Hirachand Marg

Ballard Estate

Mumbai - 400 038

Tel: 3032 7730

Cell: 093222 15410

Will you please advise Technical Service Officer for assistance?

Kindly keep me posted.

Regards.

T. K. Bandopadhyay

Indian Centre for Plastics in the Environment

KusheshMansion, 2 nd Floor

48/54, Janmabhoomi Marg, Fort

Mumbai 400001

Ph: 022 22820491 / 022 22820496: Fax: 022 22820451

www.envis-icpe.com / www.icpenviron.org / www.icpeenvi.nic.in

Top

From: mira plastic [mailto:mira_plastic@yahoo.com]

Sent: Monday, August 14, 2006 4:11 PM

To: icpe@vsnl.net

Subject: for waste recycled PET and chemicals

respected sir,

I want waste of recycled PET material and chemicals used recycling PET.
I have extruder machine in which i already recycles HIPS,PP,ABS,HD,LD and HM.

so I want to going towards recycle of PET.

So please sir send me sample of waste recycled PET and chemicals used in recycle the PET, also send price with sample.

I hope that you send me sample immediately.

if you have not able to give this item you give me address and contact nos of any other parties.

my contact no- 9925010505

thanking you.

As required, please find below the contact details of the Nagpur factory.
Address of the Fuel Unit

Mrs. (Prof.) Alka Zadgaonkar

Unique Waste Plastic Management

& Research Co. Pvt. Ltd.

K - 13, M.I.D.C. (Butibori Industrial area),

Nagpur.

Tel. No. 0712-3104991 / 0712 - 2220111

ICPE Secretariat

Top

----- Original Message -----

From:Hamza Taherali
To:icpe@vsnl.net
Cc:hamza@supremefishnet.com

Sent: August 08, 2006 11:07 PM

Subject: pvc scrap disposal

Dear Mr T K Bandopadyay

Sir iahve pvc scrap which is in cutting for I need the address of nagpur factory along with the contact no so that I can send my sample also I am interested to know what will be the cost of this type of plant which can process around one ton of this material and convert the same in to fuel .and whether such small plant are viable or not

Your prompt reply will be highly appreciated my contact no is 9870401168

With regards

Hamza Taherali

As desired, we are sending the BIS Specification for Degradable Plastics (First Draft 2006) through courier to your office today.

Regards,

T K Bandopadhyay
Indian Centre for Plastics in the Environment (ICPE)
2nd Floor, Kushesh Mansion
48/54, (Janmabhoomi Marg)
Fort, Mumbai - 400 001
Tel. Nos.: 022-22820491 / 22820496 Fax No. : 022-22820451

Website: www.icpeenvi.nic.in, www.icpenviro.org, www.envis-icpe.com

Dear Sh. Srivastava,

We are happy to note your interest in the management of domestic waste in your own / nearby localities.

We will send you some reading materials on how the Area Local Management (ALM) concept of Dry Waste Management works in Mumbai.

Top

Regarding your other interest of joining ICPE activities, we will discuss afterwards.

Regards.

T.K Bandopadhyay
Indian Centre for Plastics in the Environment
Kushesh Mansion, 2nd Floor
48/54, Janmabhoomi Marg, Fort
Mumbai 400001
Ph: 022 22820491 / 022 22820496: Fax: 022 22820451
www.envis-icpe.com / www.icpenviro.org / www.icpeenvi.nic.in

-----Original Message-----

From: SRIVASTAVA UMESH (MR.) [mailto:srivastavau@iocrd.co.in]
Sent: Thursday, August 03, 2006 10:13 AM
To: ICPE
Subject: Issues regarding plastic waste management

Dear Shri Bandhopadhyaji,

My association with plastics owing to development work on packaging material has converted me into an activist of plastic material. Having interacted and known ICPE and its scope of activities also widened my understanding on the ever pertinent issue of recycling and waste management.

All around me I have started hearing people associated with any NGO or so called social reformers taking up issue of banning use of plastics in daily use. Every small person, who has to do some social service takes up the issue of "do not use plastic" and world just listens to them with rapt attention.

I am in touch with some such people of my locality and am trying to tell them that instead of banning plastic try and manage plastic waste in a much better manner. I am trying to ask them to take steps that can help reduce plastic waste atleast in their own localities. Do you have a road map as to how small colonies/localities can come up with actionable points for managing plastic waste. If you can suggest me some such method, I shall be obliged.

Also, I want to join ICPE committee. Is it possible, please let me know.

Thanks

Umish Srivastava
Research Manager
Polymer Application & Packaging Development Group
Indian Oil Corporation Limited
Research & Development Centre
Sector-13; Faridabad - 121007
Phone: 0129-2294532
Mobile: 98733 50434

Top

-----Original Message-----

From: ICPE [mailto:icpe@vsnl.net]
Sent: Wednesday, January 11, 2006 4:35 PM
To: SRIVASTAVA, UMESH; icpedelhi@sify.com
Cc: RAO, A M
Subject: Re: Issues regarding plastic pouch uses

Dear Dr. Srivastava,

Please find herewith our reply to your e-mail dated January 2, 2006 on the above subject. The signed copy of the letter is being couriered to you.

Regards,

T.K. Bandopadhyay
Technical Manager

January 9, 2006

Dr. Umish Srivastava
Research Manager
Indian Oil Corporation Limited
Research & Development Centre
Sector-13; Faridabad - 121007
Phone: 0129-2285611
Mobile: 98103 59623

Dear Dr. Srivastava,

Thank you very much for your inviting ICPE to join the panel for the evaluation of the suitability of special plastic pouch for packaging of petroleum products / kerosene.

This is an innovative unit packaging for a product used by general mass. ICPE would be happy to be a part of the proposed panel. We would share all the information and expertise we have in this special area of plastics packaging and related matters.

Kindly inform us regarding the dates of any meeting to be held for discussing the technical matters related to this project.

Top

Thanking you once again & Wishing A Successful Commercial Implementation of this system of Packaging for a product of mass use.

Yours sincerely,

T.K. Bandopadhyay
Technical Manager

cc : Shri. K. G. Ramanathan, President, Governing Council, ICPE
Shri. Sujit Banerji - Executive Secretary / Member Executive
Committee, ICPE, Shri Dilip Biswas, Advisor-Principal (Environmental Affairs),
ICPE

Shri. S.P. Chakraborty, Member - Communications, ICPE

----- Original Message -----

From: "SRIVASTAVA, UMESH" <srivastavau@iocrd.co.in>

To: "icpedelhi@sify.com" <icpe@vsnl.net,>

Cc: "RAO, A M" <raoam@iocrd.co.in>

Sent: Monday, January 02, 2006 5:41 PM

Subject: Issues regarding plastic pouch uses

Dear Shri T.K. Bandhopadhyay

I am working as Research Manager in Indian Oil Corporation Limited, R&D Centre, Faridabad. We have recently developed pouches for packing a petroleum product. There is a need to get governmental clearance before putting this product in the market.

We are running to various governmental bodies like CPCB, NEERI etc for the clearance. Can ICPE join us in this effort so that we can jointly talk to regulatory bodies for thier approvals/clearances.

Please respond.

Thanks

Umish Srivastva

Research Manager

Indian Oil Corporation Limited

> Reseach &Development Centre

> Sector-13; Faridabad - 121007

> Phone: 0129-2285611

> Mobile: 98103 59623Top

Dear Sirs,

Please note that ICPE is not a manufacturer of any plastics items. For details of ICPE, please visit our website. For your requirement of polyethylene bags, please contact any such bag manufacturer. All India Plastics Manufacturers Association (AIPMA) may help you in this regard.

Regards.

T.K.Bandopadhyay
Technical Manager

From: micro_2003@vsnl.net [mailto:micro_2003@vsnl.net]
Sent: Tuesday, August 01, 2006 11:35 AM
To: icpe@vsnl.net
Subject: Fw : quotation for polythene carry bags

Dear sir ,

We are herewith attaching the photograpg of polythene carry bags .There is a requirement for 1container polythene carry bags made out of recycled material of 25 or more microns.

The sizes for carry bag are in three sizes

Maxi

length 46 cm width 36 cm

midi

length 39 cm width 29 cm

mini

length 31 cm width 21 cm

the design & gusset must be same as in picture. Please give the packing details as well.

Awaiting your prompt response.

With Regards,

Kantilal.v.jain.

Top

Dear Sir,

ICPE deals with all issues of Plastics in the Environment. On composting technique of biodegradable waste, you may kindly contact the 2 NGOs we are working with, Stree Mukti Sanghatna (SMS) and FORCE. Their contact details are as follows :

Ms. Jyoti Mhapsekar
Stree Mukti Sanghatna
31, Shramik, Royal crest,
LT.V. Road ,
Dadar, Mumbai 400014
Tel : 91-22-55745848 / 24174381
E-mail : smsmum@vsnl.com

Smt. Poonam Huddar
FORCE Sewa Sahkari Sanstha Ltd.
Near Ration Office / Colony Office
Shivaji Nagar , No. 1, Govandi
Mumbai - 400 043.
Tel : 27716251
E-mail : poonam_rh@rediffmail.com

Hope they will be able to guide you suitably.

Regards,

T K Bandopadhyay
Technical Manager

From: Nazir Bagwan [mailto:nazirbagwan2005@yahoo.com]
Sent: Monday, June 26, 2006 10:02 PM
To: icpe@vsnl.net
Subject: inquiry

Respected Sir,

Guide us with the various types of rapid composting inoculants & technology for aerobic heap composting of animal dung & agriculture waste available

IF possible ,please provide us list of manufacturer / supplier of composting inoculants.

with thanks & regards,

Nazir Bagwan

Kind Attn Shri. T.K. bandopadhyay,

Dear Sir,

Thank you very much for giving information as desired by us.

Please provide us with information of PET traders in GOA if you have with you.

Regards,Top

Rajiv Agrawal
Divine Polymer Products Ltd

KA : Sh. Tushar Bandopadhyaya - ICPE

As per our telecon today ; MG-Road ,Camp area , Pune has been declared as "Walking Plaza" every Saturday to counter Sound and Air Pollution due to routine traffic jams and very busy roads on all Saturdays "11Hours" an event management team has been awarded 2 -year Contract to conduct events , road shows , banners , posters , video shows as a Communicator on Walking Plaza every Saturday.

We request : Utilising ICPE platform ; we can put up banners / road shows /Point-CounterPoints . MPMA and APP have also been informed of the same who can jointly assist our initiatives.

Presently there are 2-3 huge Hoardings highlighting " Avoid using plastic bags " in Camp area itself.

Kindly advise/suggest Path Forward.

rgds,

Satyajeet V Bhonsle,
Pune Polymer Group (RSC),
Reliance Industries Limited,
4th Floor, Godrej Millenium Building,
Near Hotel Taj Blue Diamond,
9 Koregaon Road,
Pune-411001
Cell : 09325092924
Direct : 020-32900205 / 32904880
Fax : 020-26052950

Dear Mr.Kharas,

We had requested Technical Service Dept of PET Division of RIL to comment on this.

We have received reply from RIL which is attached (Acrobat Reader 5.0 File).This clarifies all the points raised in the message.

Regards.

T.K.Bandopadhyay

Top

----- Original Message -----

From:P P KHARAS
To:icpe@vsnl.net
Cc:polycraft@vsnl.com

Sent: Thursday, May 13, 2004 9:35 PM

Subject: Poisoning caused by using PET bottles

Kind Attn : Mr. T.K. Bandopadhyay

Dear Mr. Bandopadhyay,

The following message is doing the rounds on the internet.

I will appreciate if you have any information on this subject, please send it to me because I need to inform the two friends who forwarded this message to me. If the information is not available with you, will you please try to obtain this through PET Bottle manufacturers or Pepsi or Coke.

Thanks & regards,

P.P. Kharas

cc : Mr. Vijay Merchant

>"Hi all,

>fyi and circulate this news to all your relatives/friends.

Many are unaware of poisoning caused by re-using plastic bottles. Some of you may be in the habit of using and re-using your disposable mineral water bottles (e.g. Nestle, Bisleri, Aquafina, Kinley,Evian,etc...), keeping them in your car or at work. Not a good idea.

It happened in Dubai, when a 12 years old girl died after a long usage 16 months) of SAFA mineral water bottle, as she used to carry the same fancy (painted by herself) bottle to her school daily. In a nutshell, the plastic (called polyethylene terephthalate or PET) used in these bottles contains a potentially carcinogenic element (something called Diethyl-hydroxylamine or DEHA).

The bottles are safe for one-time use only; if you must keep them longer, it should be or no more than a few days, week max, and keep them away from heat as well. Repeated washing and rinsing can cause the plastic to break down and the carcinogens (cancer-causing chemical agents) can leak into the water that YOU are drinking. Better to invest in water bottles that are really meant for multiple uses.

This is not something we should be scrimping on. Those of you with family-do please advise them, especially children.

Please forward this information. Prevention is better than cure.Top

Water Management
Mansour Ibrahim
Sr Sales Engineer
MEAC IRRIGATION SYSTEM
P O BOX-86056
DEIRA
DUBAI

mansour-ibrahim@meacws.ae
tel:
fax:
mobile: 009714-2974244 / 009714-2974255 /0097150-4231806

Ecoplast Ltd, Mumbai, India

Dear Shri Pranjal Jauhar,

Please give your postal address so that we can send you articles which discuss the subject in details.

In brief we say that without Plastics it is not only difficult to live in modern life, perhaps it is not possible to.

If you carefully look around and search for the items or applications of plastics, you will find these and agree with us on this point.

1. Without plastics we will not get electricity in our homes and other places. (Alternate materials like Paper or Rubber as Insulators are not as effective.)
2. Without plastics we will not be able to pack our food products economically and energy efficiently. (Alternate materials like Tin, Glass or Paper are comparatively more harmful to the Environment considering the energy required by these alternatives. Moreover Product quality is more safe in Plastics.)
3. Plastics help reduce our transportation / fuel costs. (Both for Carrying products from one place to other and for the vehicle itself.)
4. Plastics help transportation of Potable water at much lesser cost, saving more energy, keeping the water free from contamination due to rust and other contaminants.
5. Plastics pipes help irrigation at much lesser cost. Use of Plastics in Agriculture for Drip Irrigation, Mulching etc has enhanced the agricultural production to a great extent.
6. Plastics packaging of pharmaceutical products and health care items like I.V.Bottles, Blood Bags, Catheter Tubes, Injection Syringes etc. saves the health of human kind.
7. Without Plastics, our communication systems would not have come to today's level (Telephone, Computers, Floppies, Discs etc.).
8. Plastics Furniture saves natural wood. We are able to save millions of trees from cutting due to the availability of Plastics furniture.
9. Availability of Plastics bottles has enabled us to get contamination free drinking water during our travel and otherwise.
10. Use of Plastics in Buildings (Pipes, Water Storage, Sewerage) has added quality to our lives.

There are many more advantages for which use of Plastics are increasing day by day not only in our country but all over the world.

The question of non-Biodegradability arises for many more other products also. Tin and other metals are not biodegradable. Glass is not biodegradable. Even all kinds of Papers also are not easily biodegradable.

But whenever you see an application of plastics, you are sure that it has saved lot of energy compared to any alternate item and it might have saved natural wood.

The problem of littering of Plastics Bags or Cups in the urban area is due to our lack of civic sense.

Plastics constitute only 4-5% of our Municipality Solid Waste. There are other materials too.

Very thin plastics carry bags caused more littering problem as no rag pickers were interested in such light weight items. Considering this aspect Ministry of Environment and Forests have banned production , storage and use of Plastic Carry Bags less than 20 micron thickness. However implementation is not yet very strict.

If we behave responsibly, we can make an end to it. Moreover by recycling Plastics we can get great wealth out of it. Incineration is a costly process and is done mainly for Biomedical waste and the like. Correctly designed incinerators pose no health or other problem.

ICPE is working jointly with NGO's and other socially conscious groups to make the general mass aware of their civic responsibilities.

On receiving your postal address we will send you more details.

Regards.

T.K.Bandopadhyay
Technical Manager- ICPE
Top

----- Original Message -----

From:Pranjal Jauhar
To:icpe@vsnl.net
Sent: Tuesday, June 08, 2004 12:02 PM
Subject: Incinerators and disposal

Dear Sir,

I have been going through your magazine for many years. I also share your views that plastics cannot be disposed with so easily. They are some thing what the human role has been praying for something that does not degrade or gets eaten up by termite or rusts and is light, water proof, holds water, etc.

There are many colleges in the institution I am related to who feel that plastics should be through out of our life without a second look. The only time when I tend to share their view is when I see the large dumps comprising primarily of plastic wastes.

Is there no way of disposing or incinerating there? How can we make such incinerators, what would they cost, do they have any health hazard or any presentations to be taken?

I would be obliged if you could help us by guiding us in the above.

Regards,

PranjalTop

Dear Mr.Rakesh,

Please contact the following two NGO's who are working with us on Dry Waste Collection and Segregation project in Mumbai Wards.

1. Stree Mukti Sangathana : Mrs.Jyoti Mahpsekar: 9820224529 / 25297198 / 25226500.

2. FORCE : Mrs.Punam Hudder - 9820421039 / 25546172.

Regards.

T.K.Bandopadhyay
Technical Manager

Indian Centre for Plastics in the Environment
205, Hari Chambers, 2nd Floor
58/64, Shaheed Bhagat Singh Road,
Fort, Mumbai - 400 023.
Tel.: (022) 22694105 / 06
Fax: (022) 22641468

Websites: www.envis-icpe.com/ www.icpenviro.org

----- Original Message -----

From: <amit_turakhia@vsnl.net>
To: <icpe@vsnl.net>
Sent: Friday, October 28, 2005 1:44 AM
Subject: plastic scrap

> Dear sir,

> As per our talk on the phone I'm interested in low end scrap, as you have told me on the phone that you will help me with the add. & the phone nos. of the party which have the availability of the same scrap.

waiting for your early reply, expect the same help in the future.

>

> thanking you
> Rakesh Turakhia
Top

Dear Mr. Deepak Gupta,

Your corporate policy to reduce/eliminate the use of eco-harmful substances from your products is a good step.

However we do not find a correlation between your corporate policy and your proposal for search for alternate materials to replace the current LDPE / HDPE / Polyamide (plastics) packaging materials.

Plastics are the most eco-friendly materials which protect our environment in a sustainable manner.

Consequences of not using plastics as packaging material is colossal as an environmental burden. Plastics packaging actually makes a valuable contribution to resource efficiency and waste prevention. A German study (GVM) concluded that, on an average, packaging without plastics would increase

The weight of packaging by 291 %.
Volume of waste by 158 %.
Energy Requirement by 108 %.

Cost of packaging would also increase substantially. In individual cases, the figures may be very high.

You may visit the following website to see the summary of the report:
<http://www.bpf.co.uk/bpfissues/packaging.cfm> .

Use of Biodegradable plastics, as on date, is limited to some of the one-time use materials in specific conditions.

You may visit ICPE websites (www.icpenviro.org / www.envis-icpe.com) to have a comprehensive information on the subject (please go through related articles in the Newsletter Pillar).

Apart from LDPE, HDPE and Polyamide, you may also evaluate Polypropylene for your packaging needs. All these are best packaging materials and most eco-friendly.

For any clarifications, please feel free to contact us.

Regards.

T.K.Bandopadhyay
Technical ManagerTop

----- Original Message -----

From:Deepak Gupta
To:Plastics
Cc:Plastics_1

Sent: Saturday, October 15, 2005 6:50 PM

Subject: Biodegradeble plastics

Dear All,

We at Minda Industries Limited are the leading manufacturer of the auto-electrical parts with plants at various locations across India & commencing in abroad.

Rightnow, we are using the LDPE & HDPE as packaging material for our products while Polyamide (Nylon grades) for our main line products, being used in the automotive industry.

As part of our corporate policy to reduce/eliminate the use of eco-harmful substances from our products, we are looking the alternate material to replace the current LDPE / HDPE / Polyamide with the eco-friendly materials, as much as technically & commercially suitable.

In the consideration of the same, may I request you to please let us have some of your valuable suggestions & informations on the same available with you.

Thanking you in anticipation.

Warm regards,

Deepak Gupta

Dear Sir,

You may please contact PARC of Reliance Industries Ltd.at Chembur, Mumbai, who can help you get the information.

Regards.Top

T.K.Bandopadhyay
Technical Manager

----- Original Message -----

From:anil agashe
To:icpe@vsnl.net
Sent: Thursday, September 08, 2005 5:23 AM

Subject: information about moulding of optical components

Dear Mr. Bandopadhyay,
ICPE,

We produce 3D slide viewers for educational and informative purpose. We are trying to replace present glass lenses by acrylic lenses.

Kindly send us a list moulders and die makers having experience in moulding small optical components such as lenses.

Thanks,

Dr. Anil Agashe ,
Partner, Visual Creations, Pune

The address of the inventor is as bellow:
D.Alka Umesh Zadgaonkar
Unique Waste Plastics Management & Research Co. Pvt. Ltd.
K-13, Butibori Industrial Area,
Nagpur
e-mail: auzchem@yahoo.com

Regards.

T.K.Bandopadhyay
Technical Manager

Top

----- Original Message -----

From:Custage Marketing Solutions
To:icpe
Sent: Thursday, September 08, 2005 9:41 PM

Subject: Fw: ARTICLE IN YOUR MAGZINE

Dear Mr. Bandopadhaya

Can u pls send the necessary details....

Kind Regards

Manish Chawla

Custage Marketing Solutions
(A Marcom Company)
401, Vikas Classic Building No 4, 4th Floor,
Near Basant Cinema, Chembur, Mumbai 400 074. INDIA
T: 25519610
M: 98211 35506
E: manish@custage.com
W: www.custage.com

----- Original Message -----

From: " khalid" < khalid@redtapeindia.com >
To: < manish@custage.com >

Sent: Thursday, September 08, 2005 3:59 PM

Subject: ARTICLE IN YOUR MAGZINETop

To,
Mr. Manish Chawla

Dear Sir,

I am interested in details about an article published in your ET polymers june-july-05 issue on page 51. The subject matter is manufacture of fuel from plastic waste. I would appreciate if you can furnish details about project promoters namely contact address/mobile no. etc.
I sign of seeking your valuable cooperation

Best Regards

Ajay Kapoor
FOR MIRZA TANNERS LIMITED
14/6 CIVIL LINES KANPUR-208001

Dear Sh.Maheshwaran,

We are sending you copies of following documents to convince the local Pollution Control Board officials that Recycling of Plastics is very much a recommended activity under overall Plastics Waste Management system.

Following Gazette of India Notifications may be referred to in this connection:

1. MoEF Notification No. S.O. 698 (E), dated 17 th June, 2003 - "Recycled Plastics Manufacture and Usage (Amendment) Rules, 2003 / "Plastics Manufacture, Sale and Usage Rules, 1999".
2. Report of the Justice Ranganath Misra Committee on - "Plastics Waste Disposal", dated 27 th February, 2002, published by Central Pollution Control Board, MoEF.
3. Indian Standard IS 14534 :1998.on - Guidelines for Recycling of Plastics.
4. Air (Prevention and Control of Pollution)Act, 1981 (!4 of 1981) and Water (Prevention and Control of Pollution) Act, 1974 (6 of 14).

You have declared that you do not clean the plastics waste with water hence there is no generation of polluted water. However as you are removing the dust by putting the plastics waste in Dust Removing Machine, you have to take care that the SPM level in the air does not go high beyond the permissible limit.

There is system of fitting a suction device in the Dust Removing Machine so that all the dust particles may be collected in a bag for proper disposal.

Please also ensure that you are not using any bio-medical waste or any waste contaminated with chemical or any toxic product, for direct recycling.

Processing of plastics is environmentally safe process. Our communication to Central Pollution Control Board in this regard is enclosed with the necessary enclosure.

Without testing the air in a particular premises and without comparing the result of the test with that of the outside ambient air (outside the said premises), it would be inappropriate to conclude that a particular processing activity in the premises is creating some pollution, unless the normal human alarm system can sense some unusual smell which cause some problem among the persons working there. Plastics processing generate some waxy / characteristic smell while processing. The research work carried out by Shriram Institute of Industrial Research, Delhi, on behalf of ICPE, on "Plastics Processing and Environmental aspects", has clearly shown that the emissions during Plastics Processing are well within the Threshold Limit Value(TLV). Summery Report of the Study is enclosed.

Hope you have taken proper measure to get your Industrial Unit Registered under the appropriate regulatory rules.

After receiving our papers and after going through the same, you may interact with the Pollution Control Department officials accordingly.

By a copy of this correspondence, we are also informing Tamilnadu Plastics manufacturer's Association and All India Plastics Manufacturers Association of the case with a request to intervene.

For any further information, please revert back.

Regards.

T K Bandopadhyay
Technical Manager
Indian Centre for Plastics in the Environment
205, Hari Chambers, 2nd Floor
58/64, Shaheed Bhagat Singh Road,
Fort, Mumbai - 400 023.
Tel.: (022) 22694105 / 06
Fax: (022) 22641468
Websites: www.envis-icpe.com/ www.icpenviro.org
(Copies of all the above references are being couriered)

CC: Sh.K G Ramanathan, President, GC, ICPE, Sh.Sujit Banerji, Executive Secretary / Member, Executive Committee, ICPE, Sh.Vijay Merchant, Member, GC, ICPE, Sh.C.K.Sekar, President, TAPMA , Sh.Swaminathan, TAPMA, Sh.S.G.Atre, President, AIPMA

----- Original Message -----

From: icpe
To: mahesh waran
Cc: KG.Ramanathan@ril.com ; Sujit.Banerji@ril.com ; Vijay Merchant

Sent: Saturday, June 04, 2005 5:43 PM

Subject: Re: requisition of guidelines for plastic recycling

Dear Sh.Maheswaran,

We have received your message and are making a suitable answer to the points raised by the Pollution Control officials of your area. Processing of plastics does not emit any dioxin or any other toxic gaseous products.

Plastics recycling is very much a suggested activity under the overall Waste Management System. The related Rules of MoEF, Govt of India, will be mailed / couriered to you on Monday.

Regards.

T K Bandopadhyay
Technical Manger

CC: Sh.K G Ramanathan, President, GC, ICPE, Sh.Sujit Banerji, Executive Secretary / Member, Executive Committee, ICPE, Sh.Vijay Merchant, Member, GC, ICPE

----- Original Message -----Top

From:mahesh waran
To:icpe@vsnl.net

Sent: Saturday, June 04, 2005 4:57 PM

Subject: requisition of guidelines for plastic recycling

4-6-05, ERODE.
ASCENT PLAST,
MFRS: RECYCLED PLASTIC LUMPS ,SUTLI(PLASTIC TWINE)
53, JANAKI AMMAL LAY OUT, ERODE-638003 (TAMILNADU).
PH : 9443342730,0424-2210982.

TO
INDIAN CENTRE FOR PLASTICS IN ENVIRONMENT,
MUMBAI.

Respected Sir/Madam,

sub: Requisition of guidelines to get license for plastic recycling from pollution control board and municipality, as per telephonic talk

This is maheswaran from Ascent plast, Erode. we are having a plastic recycling factory in Erode. our factory is located remote area from the town, as 15km from town. we are recycling the film form plastics more than 80 tonnes per month.our processing includes cleaning the plastic films in dust cleaning machine,it doesn't use any water.then we are making plastic lumps with use of extruder, and our material is 100% using for pipe applications, which is used in agricultre.we are collecting wastes from municipality wastes.This way we are doing our process, while processing some plastic smell will generate, some people makes story with this smell, like, this smell harmful to human beings live, it causes cancer, brain problem, kidney problem. also the Municipality board declares the same like harmful to human lives etc..so the municipality and pollution control board are not allowing us to do recycling. The pollution control board doesn't guide us properly. so we can't applying deliberately for license from municipality and pollution board. some political people in our factory area also demanding money from us by threatening like give money otherwise we will make complaint to municipality and pollution board. so we are struggling much with these problems, we doesn't know how to tackle these problem, because lack of guiding.so we don't know how long we will run our factory. more than 100 people are working in our factory.Now all our life's are having with question,how to survive. Even we are doing

support by reducing municipal wastes, the board and municipality doesn't care about our people. In erode more than 25 recycling factories are there, but all are like cottage industries. so there is No strong association for recycling .Here some association is there which is the member of plastic trader and manufacturers using virgin materials. we are also one of the member.

Also we had talk with that association named like EROPLAS, but those people are also lacking with guidelines .Also we are manufacturing sutli(plastic twine) for this we are using both recycled material and virgin material. This factory is located inside the town, here also some mild plastic smell will generate while processing. with out prior notice the municipality suddenly closed our company and now looking for to make seal. we've explained everything to the board they are not accepting any reasons, simply telling while melting the plastics, dioxin will generate, it will affect human beings brain ,kidney, and the same story.

so I kindly request you ,to give us the guidelines for solving this problem permanently, and getting for permanent license. This is very urgent because now our company is closed by the municipality.

send us the solid technical things for explain to municipality and pollution control board looking for your immediate reply. Hope u people will do this. The future of recycling field is in ICPE now

THANK YOU,

YOURS SINCERELY,

B.MAHESWARAN.Top

Dear Mr.Dixit,

We discussed the subject.

As briefed, ICPE is not a Test House. You can know about ICPE if you visit our websites as given at the end this message.

Regarding your question, we may give you addresses of some Institutions / R&D centres, which are capable of testing the biodegradability of plastics. You may directly contact them to find out the details.

National Chemical Laboratory: CSIR; Dr.Homi Bhabha Road; Pune-411008. Tele: 02025893234/02025893300. (Dr.S.Sivaram)

The Bombay Textile Research Association; Microbiology/Biotechnology Division; Lal Bahadur Shastri Marg; Ghatkopar(W); Mumbai- 400086. Telephone: 02225003651 / 02225003652. (Dr.(Mrs.) Shilpa U. Nair).

Material Science Department, Indian Institute of Technology (Kharagpur); Kharagpur; WestBengal.

R&D Department, IPCL; Baroda-391346.(Dr.Anand Halgeri/ Dr.A.B.Mathur/ Dr.Shashikant Sharma).02653067221 ... 30.

Kindly inform us about your interactions with these institutes.

Regards.

T K Bandopadhyay
Technical Manager

Top

----- Original Message -----

From:atul dixit
To:ICPE-T. K. Bandopadyay
Cc:ravi@flamingoindia.com

Sent: Tuesday, May 10, 2005 3:49 PM

Subject: Tetsting of Biodegradable Plastics

Dear sir,

We wish to test a film and plastic component containing biodegradable additive. Is it possible to carry out testing of these biodegradable components as per international norms at ICPE ?

If yes please inform us the cost & the specification followed for the testing.

Please reply

Best regards
Atul V. Dixit
Flamingo marketing co.
511-514 raikar chambers
Govandi (E) Mumbai 400 088
Tel 022-2555 5060
Fax - 022- 2555 5070

Dear Sir,

We are sending you (in our next mail) some Scrap dealers' addresses, whom you may contact directly on this.

Regards.
T K Bandopadhyay

----- Original Message -----

From: <kaypol@vsnl.net>
To: <icpe@vsnl.net>
Sent: Thursday, February 03, 2005 5:31 PM
Subject: Source of PET Scrap

> Dear Sir,

> kind attn:Mr.P.K.Bandopadhyay

>

> This is in reference to my telephonic talk with u.I am in need of PET Scrap for certain lab trials that we are carrying out.You are requested to provide us with information regarding procurement ofthe same on regular basis.Your help in this effor will be extremely welcome and greatly appreciated.

> Thanking you.

>

> For Khandelwal Resins and Polymers

> Aditya Khandelwal

Dear Mr. Kale,

You are welcome. Please contact for fixing a time, mutually convenient to both of us.

Regards.

T K Bandopadhyay
Phone - (022) 22694105 / 106

Top

----- Original Message -----

From: "A S Kale" <askale@technovaindia.com>
To: "icpe" <icpe@vsnl.net>
Sent: Monday, January 31, 2005 5:08 PM
Subject: RE: Contact no. of G.H. Raison Colledge of Engg , Nagpur

> Dear Bandopadhyaya,

> Thanks for mail.
>
> We are definitely interested in recycling the material. If you have any fibre making manufacturer or any other manufacturer who can recycle this material please give us details.
>
> We will meet personally in the next week. Give your contact no.
>
> Regards
>
> Anil Kale
>
> -----Original Message-----
> From: icpe [mailto:icpe@vsnl.net]
> Sent: Monday, January 31, 2005 4:39 PM
> To: A S Kale
> Cc: icpe; Alka Zadgaonkar
> Subject: Re: Contact no. of G.H. Rasoni Colledge of Engg , Nagpur
>
>
> Dear Mr.Kale,
> You may directly approach Dr.Umesh Zadgaonkar for his direct interaction with you. Copy of this communication has been marked to him.
> PET bottle scraps are also being used for recycling in to fibres for making Carpets and other Woven / Non-Woven items.
> In one of our ENVIS Newsletters (July 2003), we had given reference of the research organisation - SASMIRA, who have the expertise in guiding entrepreneurs on this subject.
> If you simply wish to dispose of the scrap, you can do so by forwarding this to Nagpur(after consulting Dr. Zadgaonkar), or to some scrap dealers, who in turn would sell this to PET Recyclers, after suitable shredding / cleaning etc.
> In case you wish further information, pl feel free to contact us.
> Regards.
> T K Bandopadhyay
> www.icpenviro.org / www.envis-icpe.com
>
> Top
> ----- Original Message -----
> From: "A S Kale" <askale@technovaindia.com>
> To: <icpe@vsnl.net>
> Cc: "G H Jadhav" <ghjadhav@technovaindia.com>
> Sent: Saturday, January 29, 2005 1:03 PM
> Subject: Contact no. of G.H. Rasoni Colledge of Engg , Nagpur
>
> > Dear Sir ,
> >
> > very pleased after seeing your website & especially article - Fuel from plastic waste.
> >
> > I am working as Project Manager in Technova Imaging System ltd. We are producing polyester coated film which are used for offset printing. In the process we are generating 10 to 12 Tons of polyester coated scrap. Now , i am working on a project to recycle this material .
> >
> > For this i want contact no. of Rasoni colledge where we can find out possibility of recycling our PET waste.
> >
> > If you have other ideas, then also we can meet personally.
> >
> >
> > Thanks
> >
> > Anil Kale

Dear Mr.Kale,

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Regards.

T K Bandopadhyay

www.icpenviro.org / www.envis-icpe.com

Top

----- Original Message -----

From: "A S Kale" <askale@technovaindia.com>

To: <icpe@vsnl.net>

Cc: "G H Jadhav" <ghjadhav@technovaindia.com>

Sent: Saturday, January 29, 2005 1:03 PM

Subject: Contact no. of G.H. Rasoni Colledge of Engg , Nagpur

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>

> For this i want contact no. of Rasoni colledge where we can find out possibility of recycling our PET waste.

>

> If you have other ideas, then also we can meet personally.

>

>

> Thanks

> Anil Kale

Dear Mr.Jawanth,

Please find attached a rough sketch of the Manual Device for compacting the plastics scrap. One plastic or any other cover material is spread over the device to contain the loose scrap. Occasionally one person has to stand on the scrap to compact the scrap into a bundle.

Address of the machinery manufacturers would also be sent.

Regards.

T K Bandopadhyay

From: Jaywanth Bharadwaj

To: icpe

Sent: Saturday, January 22, 2005 1:50 PM

Subject: Re: Plastic bags and compression

Thank you for your help.

My postal address in case you need to send a paper copy of the sketches,Top

H B Jayawanth
249, Rainbow Drive Layout
Sarjapur Road
Bangalore 560035
Ph: (080) 28439893

----- Original Message -----

From:icpe
To:Jaywanth Bharadwaj
Cc:icpe

Sent: Friday, January 21, 2005 11:15 AM

Subject: Re: Plastic bags and compression

While I will find out any machinery manufacturers for compacting machine Bangalore, in the mean time I will send you a sketch of the manual device which is used in many of Mumbai Ward waste collection & segregation centres. I will also send you some machinery manufacturers' name from Mumbai / Gujarat side.

Please give me a few days time, as I am busy for some other assignment.

Regards.

T K Bandopadhyay

----- Original Message -----

From:Jaywanth Bharadwaj
To:icpe
Sent: Friday, January 21, 2005 9:27 AM

Subject: Re: Plastic bags and compression

Thanks for the prompt response.

I forgot to mention that I live in Bangalore. Any contacts here where I can view the device? Any manufacturer here for electrically powered compacting machine?

The hazardous waste which is mostly sanitary napkins and diapers goes out of the colony to a govt. approved place who handle it appropriately - incineration or landfill.

----- Original Message -----Top

From:icpe
To:Jaywanth Bharadwaj
Cc:Vijay Merchant ; icpe

Sent: Thursday, January 20, 2005 2:15 PM

Subject: Re: Plastic bags and compression

Dear Mr.Jawanth,

Glad to know that you have started the segregation and composting activity at your society.

Regarding Compacting devices, we can definitely help you by informing you the source or how this device can be fabricated by you. Manual compacting devices can be easily fabricated by you in which about 40 - 50 kgs of plastics waste can be compacted to a volume of about 2 feet-cube. For this I would suggest you visit a place "D-Ward" of Mumbai, for having a look at the existing device there. Alternately, we may send you a sketch of the device. For Electrically powered compacting machines, we can give you some machinery manufacturers' names.

I have one point on Hazardous waste aspect.

You have not mentioned the source of the Hazardous Waste.

Hazardous Waste should not be sent for dumping in the landfills. These are to be incinerated or treated as per the Govt Regulations

If the source is Hospitals / Nursing Homes, then Civic Authorities are to be contacted for the disposal of Medical Waste.

If you are in Mumbai, we may discuss.

Please revert.

Regards.

T K Bandopadhyay
Technical Manager - ICPE.
Phone: (022) 22694105 / 6.

Top

----- Original Message -----

From: Jaywanth Bharadwaj
To: icpe@vsnl.net

Sent: Thursday, January 20, 2005 12:41 PM

Subject: Plastic bags and compression

Dear Mr T.K.Bandopadyay,

I got your email address from ICPE website.
You may be able to help me with this problem.

In our community of around 150 families I have organised waste segregation with a certain degree of success. Most of the waste is composted or recycled. Medical waste and hazardous waste is transported to a landfill. Plastic bags represent large part of the waste by volume.

If we compact the plastic bags it will make it feasible to transport it and recycle it. In the US I had seen home waste compactors which could compact it to very low volumes. Is something similar available in India?

I have not been able to find a solution to this problem which impacts every community in India. A low cost solution even if it is mechanical in nature would help

Thanks

Jayawanth
Top

Dear Mr.Khetawat,

PET Recycling is very common nowadays, though capital intensive. In India, PET is mostly recycled into fibres for manufacturing various non-woven and woven products. Mineral water bottles are made into chips, which can be directly used for fibre production. Other applications include: Strapping tapes, Non Food Contact Containers etc.

For details of manufacturing process,you may contact one Research Organisation - Sasmira (www.sasmira.org)

Regards.

T K Bandopadhyay

----- Original Message -----

From: "Gautam Khetawat" <gkhetawat@yahoo.com>

To: "icpe" <icpe@vsnl.net>

Sent: Thursday, January 06, 2005 4:42 PM

Subject: Plastic waste recycle machine

> Dear Sir,

>

> Thanks for giving a short write up on plastic waste Recycling. For your information we are new to this segment. We would appreciate if you can provide information how to recycle the pet plastic waste (mineral water bottles, etc), can granules could be obtained by pet waste and what could be its finished product line.

>

> with regards

>

> Gautam Khetawat

>Top

>

> --- icpe <icpe@vsnl.net> wrote:

>

> > Dear Mr.Khetawat,

> > Please specify the nature of information you need on Plastics Recycling and clarify whether you are already in the field of Plastics..

> >

> > For your ready reference, we attach herewith o short write-up on Recycling of Plastics in the Indian Context.

> > You have to indentify your position in the whole process and seek any further assistance in this regard.

> >

> > Mainly you have to find out the basic waste material, segregate, clean and process.

> >

> > Information on machinery suppliers will be provided.

> >

> > Also please visit our sites more more information on Recycling of Plastics. (www.envis-icpe.com ; www.icpenviro.org)

> >

> > Regards.

> > T K Bandopadhyay

> > Technical Manager- ICPE

> > ----- Original Message -----

> > From: "Gautam Khetawat" <gkhetawat@yahoo.com>

> > To: <icpedelhi@sify.com>; <icpe@vsnl.net>

> > Sent: Friday, December 10, 2004 8:00 PM

> > Subject: Plastic waste recycle machine
> >
> > > Dear Sir,
> > >
> > > We are interested for recycling of plastic waste. May I request you to
send information in this regard.
> > >
> > > with regards
> > >
> > > Gautam Khetawat
> > > DM Associates
> > > Sri Vihar Colony, Tulsipur
> > > Cuttack: 753008
> > > Orissa, India
> > > Ph: 0671-2304642, 2306102

Dear Dr.Nigam,

Yes, we could not interact after we met at BIS.
In the mean time I attended another meeting at BIS (PCD 21) on 19th Nov.
However our work on the topic - Eco-Mark, has not yet taken off. Once I met
Dr.Vasudeo of Reliance, who is also a member of the committee.

I am searching for some reference paper on the subject, as mentioned in the note
of BIS on the subject. I will mention those reference and seek your help in
finding those ref.

I have already included your name in our mailing list.

I will courier copies of our latest Newsletters (Eco-Echoes and ENVIS) again.

Regarding any enquiry for Delhi area, you may contact Dr.U.K.Saroop or
Mr.M.K.Banerji at Reliance / IPCL office, or Mr.Mathai at ICPE office.

Regards.
T.K.BandopadhyayTop

----- Original Message -----

From:Dr. Suneel Nigam
To:T K Bandopadhyay

Sent: Wednesday, November 24, 2004 4:58 PM

Subject: Hellow

Dear Bandopadhyaya,

How are u? Since we met in BIS, we could not talk, what happened? You have
promised to send the future programme/activities of ICPE, but nothing has been
recd. so far. What to say more, I have not been included in your mailing list.

I have also observed that ICPE is not doing any activity in Delhi region.

With regards,
Dr. Nigam

Dear Mr.Arfat,

Recycling of Polyethylene bags is a relatively easy process.

Regarding the recycling process in general you may go through the attached note on the subject. If you require a laboratory model of the recycling plant, you may have to contact the relevant machinery manufacturer who are engaged in such activities. I am not aware of the details of such manufactures in Pakistan. If you require, I can give you name and addresses of some of the Recycling Plant manufacturers in India, whom you may contact to know further details.

You may visit our websites to know relevant information. (www.icpenviro.org / www.envis-icpe.com)

Should you require more information, please contact us. Top

----- Original Message -----

From: yasir arfat
To: icpe@vsnl.net

Sent: Friday, November 26, 2004 1:12 PM

Subject: Re: recycling of polythene bags

hey

respected sir , thanks for giving response
sir actually we want to develop a laboratory method (technique) which is cheaper for recycle of polythene bags
sir actually how we recycle what is method what sort of chemical required for this method & what is the procedure to adopt for this & how we convert it another polymer .

sir if u have related material (paper) about this . plz send me this

i m very thank ful to u sir
sir i live in pakistan plz send me this as pak - india frienship
my mailing address is (yasir arfat house#287 kauser colony Q block model town extension model town lahore pakistan)
sir if u send this by e mail attachment i m very thankful to u.

again thanks

Dear Dr.Sanyal,

We will do that...

In the mean time we would request you to visit our website also, wherein we have provided additional information under appropriate Pillars.

Regards.

T.K.Bandopadhyay
ENVIS Coordinator- ICPE
www.envis-icpe.com / www.icpenviro.org

----- Original Message -----

From: ENVIS ZSI
To: icpe@vsnl.netTop

Sent: Monday, November 22, 2004 12:26 PM

To
The incharge
ENVIS Centre
Indian Centre for Plastics in the Environment

Sir,

Thanks for the ENVIS Newsletter Vol, 2 Issue 4 : May - July, 2004. The articles are very interesting informative and useful. I would be highly obliged if you hereby send me more informations on plastic recycling and waste management.

With regards

Yours faithfully
Dr.A.K.Sanyal
Jt. Director & Coordinator ENVIS Centre

Dear Md. Monirul Islam,

We suggest you to visit our website www.envis-icpe.com wherein you will find the link to the Ministry of Environment and Forests, Govt. of India's site of ENVIS (Environment Information System). You will find the information collated by different groups on different subject areas. Information related to Environmental Protection of Coastal Areas also available.

In case you find it difficult to find out, Please revert.

Regards.

T.K.Bandopadhyay (Mr.)
Technical Manager - Technical

----- Original Message -----

From: "Md. Monirul Islam" <monir5754@yahoo.com>

To: <dirzsi@wb.nic.in>

Cc: <bnhs@bom3vsni.net.in>

Sent: Tuesday, October 26, 2004 10:06 PM

Subject: personal

Top

> 26 Oct. 2004

> Dhaka, Bangladesh

> Dear Sir,

> I, Md. Monirul Islam, a student of M.S. of the Dept. of Fisheries, University of Dhaka, Bangladesh. I have completed my B.Sc. (Honors)(4-year integrated) from this Institution and secured first class and second position in order of merit. Currently I am conducting my thesis "Determination of the expansion of shrimp pond area and its suitability for environment" Although I am highly enthusiastic to carry out he research but it is a matter of regret that my economical condition is not good at all.

> I would be ever grateful to you if you please help me by providing necessary informations, papers, documents etc. related to environmental information system with the special emphasis on coastal environment.

> My e-mail account is monir5754@yahoo.com

>

> And my present address is:

> Md. Monirul Islam

> 104, Shahidullah Hall

> Dhaka University

> Dhaka-1000

> Bangladesh

> Best regards.

> Yours faithfully

> Md. Monirul Islam

> Dept of Fisheries

> University of Dhaka

Information on excise / import duty etc may be collected from Reliance / IPCL etc.

I can give you one or two telephone nos in Mumbai who can help you

Mr.Ajit Kundan - 32760976

Mr.Suchak - 32596686

However I do not feel you require such details for your project.

Mention that almost the entire packaging of products depend on plastics. This is indirect involvement of Plastics in the Economy.

Plastics play very important role in the modern society and its overall economy. Critical and important areas which depend on plastics are :

Pharmaceutical / Food and Food Products / Fertiliser - for packaging;Medical - for IV Sets / catheters and other items;Agriculture - for water Management;Construction Industry - for Pipes and other components;Telecommunication and Energy Sector - for cables and components;Automobiles - for light weight components for fuel efficiency;Electronics Industry - for components;Education - writing and other instruments;White Goods - for making structures;Essential products and Cosmetics - for packaging and scores of other uses.

Though direct Turnover of Plastics as rawmaterial in India is around 4.0 Million Tonnes @ over Rs.25,000/ crore, the involvement of Plastics is in almost all aspects of the economy and social life.

Hope you cal build up other points now.

Rgards.

T.K.Bandopadhyay

Top

----- Original Message -----

From:kalpesh sagotia

To:icpe@vsnl.net

Sent: Thursday, October 14, 2004 12:32 PM

Subject: thanks

Respected sir,

it pleasure to inform you that i am geting the information...but.....i want to know.....exises duty.....applicable on plastc.....i am trying my best.....thank veryyyyyyyyyy.....much for your replyyyyyy.....you (respected sir) gave me good sitename.....thnslks.....keep in touch.....

Dear Kalpesh'

please visit our website www.envis-icpe.com and go through the articles published in the Newsletters Volume II - Issue 1 (Plastics and Environmental Implications) and Volume I - Issue 6 (Plastics Processing and Environmental Aspects).

You may go through other Issues of Newsletter and relevant topics under other Pillars also.

Hope you will get all the answers for your project.

Regards.

T.K.Bandopadhyay

Technical Manager - ICPE

----- Original Message -----

From: kalpesh sagotia
To: icpe@vsnl.net

Sent: Tuesday, October 12, 2004 9:54 PM

Subject: request for information

Respected sir,

i am student.i am preparing project on plastic industry. i want to know the impact of plastic on the environment.there is one subject called business environment from which i have got assignment.i request u to provide that. ok thanks

Our centre deals mainly with Environmental Implications of Plastics. However, please see the first volume of the ENVIS Newsletter in our website which deals with Indian Plastic Industry, Generation of Employment and total turnover.

For other commercial information please visit the following websites :

<http://www.aipma.net>
<http://www.plastindia.org>
<http://www.plastemart.com>

Regards,
T.K. Bandopadhyay
Technical ManagerTop

----- Original Message -----

From: kalpesh sagotia
To: icpe@vsnl.net

Sent: Thursday, October 14, 2004 12:03 PM

Subject: thanks

Respected sir,

Thanks for that.sir my subject is business environment.it is divided in macro and micro level. i want to know that how plastic affect this two macro and micro factor. i have submitted my project but the our professor has given me to again because they told me to write plastic's implementation on technology, economy, social-culture, international trade etc. so if provide this information, this will help me. it my request to you.

Please note that we are not manufacturers of any product.
To know details about us please visit our web sites:

www.icpenviron.org and www.envis-icpe.com

Regards.
T. K. Bandopadhyay
Technical Manager-ICPE
Telephone (022) 56351658/(022)22694105

----- Original Message -----

From: "hakim khambaty" <hskhambaty@hotmail.com>
To: <icpe@vsnl.net>

Sent: Sunday, September 12, 2004 11:46 AM
Subject: please send sample .

> GALAXY POLY- PLAST INDUSTRIES BARODA - 390 002. INDIA

> Please give me a quotation and sample of 100% virgin white 20 micron bags size of 17*23. FOR USA export . please send rate for 20 micron white plane bags for 1000 pieces or 1 kg. we need bags with flaxo print in one colour printing matter is thank you , have a nice day and come again .The bag should contain HM HDPE and 100% virgin.

> Please send us sample at my address.

> S.K . KHAMBATI.
> KHAMBATI TRADERS ,
> NIRMALNAGAR NAKA,
> BHAVNAGAR 364001.
> GUJARAT.

> ALSO send your phone number and address so we can contact you personal.
Thank you.

> Your faithfully,

> S.K. khambati.

Top

Dear Sh.Digant R. Mandavia,

You have many organisations for this.

Our suggestions are:

1. Please contact Prof. Anup Ghosh of your Institute for guidance.

2. Please visit ICPE websites www.icpenviron.org and www.envis-icpe.com and go through the Pillars : Newsletter, Waste Disposal, Recycling, Biodegradable Plastics etc. We have carried out articles on Use of Plastics wastes for the Construction of Tar Road, Statistics of collection of Solid Wastes including Plastics in some of the Waeds in Mumbai, applications of Recycled Plastics etc.

However for the information on Plastics wastes in the whole country, there is no published data.

A report of a Committee Constituted by The Hon. Supreme Court of India on Solid Waste Management in Class I Cities in India is a vital document as on date.

Please contact us after you go through the website.

Regards.

T.K.Bandopadhyay
Technical Manager-ICPE

----- Original Message -----

From:Digant Mandavia
To:cpccb@sansad.nic.in ; cpccb@alpha.nic.in ; pkmahendru@yahoo.com ; sthayu@annauniv.edu ; dirces@vsnl.com ; twmneeri@nagpur.dot.net.in ; mahendra_patil@hotmail.com ; icpe@vsnl.net ; econpcpl@vsnl.com ; aipma@vsnl.com ; oppi@bom5.vsnl.net.in ; oppi@vsnl.com ; ipi@vsnl.com

Sent: Monday, September 20, 2004 7:55 PM

Subject: request for information

Top
Dear Sir,

I am the student of Ist year M. Tech Polymer Science, Indian Institute of technology, Delhi, India. In this course I registered the course of Bioconversion and waste processes in current semester.

As part of study i want to study o project of plastic waste and its uses. So I need the data of previous year of plastic waste nor biodegradable) and its uses in different area of different country.

I am also interested to study the use of plastic waste in construction of ROAD in different country.

I will be thankful if you can send me the information regarding the same. My address is as below.

Digant R. Mandavia
c/o Phaladsingh,
42/ A Adhachini Village, Near IIT, New Delhi, India.

Thanking you,

Yours sincerely,

Digant R. Mandavia

To
PET Marketing Technical Services

Kindly inform us the following:

1. Whether the GoI has asked the Indian PET Manufacturers to move to Antimony Free PET resin.
2. What is the relevant BIS specification for the presence of various ingredients in the PET resin and what are the typical test results?

We require this information to reply to a query from abroad.(I talked to Sh.P.V.S.Prasad today on this and he broadly discussed the subject).

Regards.
T.K.Bandopadhyay
Technical Manager - ICPE.

Top

Checked up the issue.
As on date all major PET Manufacturers world wide use Antimony Based Catalyst for manufacturing PET resin.
The same is true for the Indian Manufacturer (RIL) also.

As on date there is no confirmed information on GoI,s asking the Indian PET manufacturers in this regard.

Only the EU is now ascertaining whether PET manufacturing is possible by using some other Catalyst system e.g. Titanium. However the technology has not yet been developed.

At present the Indian Standard permits around 400 ppm of Antimony in the Migration Test (at elevated temp. and in designated solvent solutions). The migration level of Antimony in the manufactured PET resin generally is in the

range of 200 ppm.

I am getting the confirmed information on the migration level as per BIS. Till such time please do not quote the migration level of Sb (Antimony).

Regards.

TKB

Top

----- Original Message -----

From: polycraft

To: I.C.P.E.

Sent: Thursday, September 23, 2004 1:44 PM

Subject: Antimony free PET in India??

TKB

could you try and find out if in India the govt. has asked PET makers to move to Antimony Free PET resins ?

One of the technical polymer chemist abroad was wanting to get some idea on this.

VM

Dear She..Lakshmanan,

To know a brief about Biodegradable Plastics, its uses, current world production and Indian scenario, please visit our websites - www.icpenviro.org and www.envis-icpe.com. We have published articles in our Newsletters. So see the relevant issues of Newsletters.

Regarding Technology, please contact some of the companies mentioned in our articles.

Regards.

T.O.I. Bandopadhyay
Technical Manager.

Top

----- Original Message -----

From: lakshmanan kasthuri

To: icpe@vsnl.net

Cc: icpedelhi@sify.com

Sent: Saturday, July 17, 2004 9:22 AM

Subject: bio-degradable plastic

Dear Sirs,

We would like to know more about bio-degradable plastics / bioplastics, its uses, applications, etc. We are interested to manufacture bioplastics and for which we require technology. We further inform we are ready to have a consultant for the above.

If yourself or allied institute can help us, we are very much interested to do the same

thanking you.
truly yours,
lakshmanan k.
email-id: laxman_associates@rediffmail.com

Top

----- Original Message -----

From: icpe
To: Pranjal Jauhar
Cc: icpe

Sent: Tuesday, June 08, 2004 2:48 PM

Subject: Re: Incinerators and disposal

Dear Shri Pranjal Jauhar,

Please give your postal address so that we can send you articles which discuss the subject in details. In brief we say that without Plastics it is not only difficult to live in modern life, perhaps it is not possible to.

If you carefully look around and search for the items or applications of plastics, you will find these and agree with us on this point.

1. Without plastics we will not get electricity in our homes and other places. (Alternate materials like Paper or Rubber as Insulators are not as effective.)
2. Without plastics we will not be able to pack our food products economically and energy efficiently. (Alternate materials like Tin, Glass or Paper are comparatively more harmful to the Environment considering the energy required by these alternatives. Moreover Product quality is more safe in Plastics.)
3. Plastics help reduce our transportation / fuel costs. (Both for Carrying products from one place to other and for the vehicle itself.)
4. Plastics help transportation of Potable water at much lesser cost, saving more energy, keeping the water free from contamination due to rust and other contaminants.
5. Plastics pipes help irrigation at much lesser cost. Use of Plastics in Agriculture for Drip Irrigation, Mulching etc has enhanced the agricultural production to a great extent.
6. Plastics packaging of pharmaceutical products and health care items like I.V. Bottles, Blood Bags, Catheter Tubes, Injection Syringes etc. saves the health of human kind.
7. Without Plastics, our communication systems would not have come to today's level (Telephone, Computers, Floppies, Discs etc.).
8. Plastics Furniture saves natural wood. We are able to save millions of trees from cutting due to the availability of Plastics furniture.
9. Availability of Plastics bottles has enabled us to get contamination free drinking water during our travel and otherwise.
10. Use of Plastics in Buildings (Pipes, Water Storage, Sewerage) has added quality to our lives.

There are many more advantages for which use of Plastics are increasing day by day not only in our country but all over the world.

The question of non-Biodegradability arises for many more other products also. Tin and other metals are not biodegradable. Glass is not biodegradable. Even all kinds of Papers also are not easily biodegradable.

But whenever you see an application of plastics, you are sure that it has saved lot of energy compared to any alternate item and it might have saved natural wood.

The problem of littering of Plastics Bags or Cups in the urban area is due to our lack of civic sense. Plastics constitute only 4-5% of our Municipality Solid Waste. There are other materials too.

Very thin plastics carry bags caused more littering problem as no rag pickers were interested in such light weight items. Considering this aspect Ministry of Environment and Forests have banned production , storage and use of Plastic Carry Bags less than 20 micron thickness. However implementation is not yet very strict.

If we behave responsibly, we can make an end to it. Moreover by recycling Plastics we can get great wealth out of it.

Incineration is a costly process and is done mainly for Biomedical waste and the like. Correctly designed incinerators pose no health or other problem.

ICPE is working jointly with NGO's and other socially conscious groups to make the general mass aware of their civic responsibilities.

On receiving your postal address we will send you more details.

Regards.
T.K.Bandopadhyay
Technical Manager- ICPE

----- Original Message -----

From:Pranjal Jauhar
To:icpe@vsnl.net

Sent: Tuesday, June 08, 2004 12:02 PM

Subject: Incinerators and disposal

Dear Sir,

I have been going through your magazine for many years. I also share your views that plastics cannot be disposed with so easily. They are some thing what the human role has been praying for something that does not degrade or gets eaten up by termite or rusts and is light, water proof, holds water, etc.

There are many colleges in the institution I am related to who feel that plastics should be through out of our life without a second look. The only time when I tend to share their view is when I see the large dumps comprising primarily of plastic wastes.

Is there no way of disposing or incinerating there? How can we make such incinerators, what would they cost, do they have any health hazard or any presentations to be taken?

I would be obliged if you could help us by guiding us in the above.

Regards,
Pranjal
Top

Dear Mr.Kharas,

We had requested Technical Service Dept of PET Division of RIL to comment on this.

We have received reply from RIL which is attached (Acrobat Reader 5.0 File). This clarifies all the points raised in the message.

Regards.

T.K.Bandopadhyay

----- Original Message -----

From:P P KHARAS
To:icpe@vsnl.net
Cc:polycraft@vsnl.com

Sent: Thursday, May 13, 2004 9:35 PM

Subject: Poisoning caused by using PET bottles

Kind Attn : Mr. T.K. Bandopadhyay

Dear Mr. Bandopadhyay,

The following message is doing the rounds on the internet.

I will appreciate if you have any information on this subject, please send it to me because I need to inform the two friends who forwarded this message to me. If the information is not available with you, will you please try to obtain this through PET Bottle manufacturers or Pepsi or Coke.

Thanks & regards,

P.P. Kharas

cc : Mr. Vijay Merchant

Top

>"Hi all,

>fyi and circulate this news to all your relatives/friends. Many are unaware of poisoning caused by re-using plastic bottles. Some of you may be in the habit of using and re-using your disposable mineral water bottles (e.g. Nestle, Bisleri, Aquafina, Kinley,Evian,etc...), keeping them in your car or at work. Not a good idea.

It happened in Dubai, when a 12 years old girl died after a long usage 16 months) of SAFA mineral water bottle, as she used to carry the same fancy (painted by herself) bottle to her school daily. In a nutshell, the plastic (called polyethylene terephthalate or PET) used in these bottles contains a potentially carcinogenic element (something called Diethyl-hydroxylamine or DEHA). The bottles are safe for one-time use only; if you must keep them longer, it should be or no more than a few days, week max, and keep them away from heat as well. Repeated washing and rinsing can cause the plastic to break down and the carcinogens (cancer-causing chemical agents) can leak into the water that

YOU are drinking. Better to invest in water bottles that are really meant for multiple uses.

>This is not something we should be scrimping on. Those of you with family- do please advise them, especially children.

>Please forward this information. Prevention is better than cure. >

>Water Management
Mansour Ibrahim
Sr Sales Engineer
MEAC IRRIGATION SYSTEM
P O BOX-86056
DEIRA
DUBAI
mansour-ibrahim@meacws.ae
tel: fax: mobile: 009714-2974244 /009714-2974255 /0097150-4231806

Ecoplast Ltd, Mumbai, India

Regarding details of the plant you may kindly contact Dr. Umesh Zadgaonkar directly at the following address :

Dr. Umesh Zadgaonkar
G.H. Raisonni College of Engineering
CRPF Gate No. 3 Hingna Road,
Digdoh Hills
Nagpur-440016
Maharashtra
Tel. No. 0712-3104991 / 0712 - 2220111

However, for your quick information, you may note the following :

For a 5 tonne per day capacity, the total investment is about Rs. 7 crores. The input cost , i.e. the waste plastic should be less than Rs. 5 per kg. To be able to sell the finished fuel at about Rs. 18 per litre with a comfortable margin, taking the interest rate for the investment @ 13%. For further details kindly contact the inventors.

However, we request you to send your full address with details of present activity for our record.

Regards,

T.K. Bandopadhyay
Technical Manager
Indian Centre for Plastics in the Environment
205, Hari chambers
58/64, Shaheed Bhagat Singh Road
Fort, Mumbai 400023
Tele: 022-22694105/6 ; Fax : 022-22641468
Website: www.icpenviro.org/ www.envis-icpe.com

Top

----- Original Message -----

From:shivkant dalmia
To:icpe@vsnl.net

Sent: Sunday, December 11, 2005 3:11 PM

Subject: fuel from plastic waste.

Dear Mr.T.K Bandopadhyay,

This is with reference to your artical in ENVIS, Volume2 (August -oct04)& recent news artical regading poilet plant at nagpur. we would like to go for plant set up in hyderbad to take care of plastic waste dumping everyware in the city & sorrounding. we like to have your guidance & if possible details to set up a plant on our city.we also like to visit nagpur plant to study.we therefore request you to provide us the address & name of concern authorities with their phone no/mail address to take the pre appointment.

Thanking you
yours truly
shivkant dalmia

Thank you Sir for your speedy reply

Vijay.B
564/A/12, Rd No:92,
Jubilee Hills,
Hyderabad-34
Ph:91-40-55586930 Ext:24
www.knowledgeinfotech.com

-----Original Message-----

From: icpe [mailto:icpe@vsnl.net]
Sent: Thursday, October 28, 2004 11:46 AM
To: B.Vijay Bhaskar
Cc: medtec@vsnl.com; icpe
Subject: Re: Plastic Bags

Please contact Sree Chitra Tirunal Institute for Medical Sciences & Technology (details as given below), who are the manufacturers of blood bags (blood bags are made out of PVC - a plastic material).

Top

Dr. G. S. Bhuvaneshwar
Head, Biomedical Technology Wing
Sree Chitra Tirunal Institute for Medical Sciences & Technology
Sattlemond Palace, Poojappura,
Thiruvananthapuram, Kerala, INDIA
Pin Code : 695012

Phone

91- 471 - 2340411

Fax

91- 471 - 2341814

E-mail

medtec@vsnl.com

Regards,

T.K. Bandopadhyay
Technical Manager
Indian Centre for Plastics in the Environment
205, Hari Chambers
58/64, Shahid Bhagat Singh Road,
Fort, Mumbai - 400 023.

Tel. No. 22694105 / 06 & 30904633
Fax No. 22641468
Email : icpe@vsnl.net
Website : www.envis-icpe.com/ www.icpenviro.org

----- Original Message -----

From: B. Vijay Bhaskar
To: icpe@vsnl.net

Sent: Thursday, October 28, 2004 11:11 AM

Subject: Plastic Bags zzzz

We are looking for a manufacturing unit that manufactures plastic bags to store blood samples.

Vijay.B
564/A/12, Rd No:92,
Jubilee Hills,
Hyderabad-34
Ph:91-40-55586930 Ext:24
www.knowledgeinfotech.comTop