## Makarow, Irina (ECY)

From: Makarow, Irina (ECY)

Sent: Tuesday, February 22, 2022 9:40 AM

To: Larry Dunn

Cc: ECY RE CHEM ACTION PLANS (HWTR)

Subject: RE: Phthalate Action Plan introduction

Hello Larry – thank you for the additional input – I'll also be posting your emails to the e-comment site for the project.

Irina

## Irina Makarow (she/her)

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From: Larry Dunn <a href="mailto:roy">From: Larry Dunn <a href="mailto:roy">From: Thursday, February 17, 2022 11:49 AM</a>
To: Makarow, Irina (ECY) <a href="mailto:roy">From: Makarow, Irina (ECY) <a href="mailto:roy">From: Re: Phthalate Action Plan introduction</a>

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Do you have a current copy of the Encyclopedia of Ecology it has a good section on phthalates with a breakdown by molecular weight that the industry and chemical industry people were talking about. Also the European regulators appear to be ahaed of us on this subject. So getting their research might be helpful. <a href="https://www.sciencedirect.com/topics/earth-and-planetary-sciences/phthalates">www.sciencedirect.com/topics/earth-and-planetary-sciences/phthalates</a>

this site shows the number of Phthalates in products from Asia in general, China specifically and India. As I find additional resources I will forward them to you.

Sincerely, Larry

## Phthalates - an overview | ScienceDirect Topics

Phthalates are the esters of 1,2-dibenzene dicarboxylic acid; their general structure is given in Figure 1. They are produced by the addition of an excess of branched or normal alcohols to phthalic anhydride in the presence of a catalyst. Phthalates constitute a diverse family of industrial compounds that are by far the most widely produced plasticizers up to date to increase the flexibility ...

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