Welcome to the first ICAIA Newsletter

This is the first ‘pilot’ issue of the International Chlorinated Alkanes Industry Newsletter which aims to give updates on the activities of ICAIA and its national associations, as well as to enhance global cooperation.

We trust you will find this ICAIA newsletter informative and we welcome any comments and/or suggestions for input or improvement you might have.

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China

Business - Total capacity of chlorinated paraffins (CP) in China reached 1,000,000 tons/year in 2010, with the actual output at 600,000 tons. CP-52 takes over 80% of the total output. Major producers are located in Jiangsu, Henan, Shandong, Guangdong, Zhejiang and Fujian. Chlorinated paraffins are produced by both the Chlor-Alkali industry, and additionally by specialty producers.

Regulatory - The biggest producer in China has registered CP products under the EU REACH regulation.

Europe

Business - Production of chlorinated alkanes in Europe remained flat in 2011, with a total tonnage of 45,000 tonnes of medium-chain (C14-C17) and long-chain (C18-C20) chlorinated alkanes produced. Production of short-chain (C10-C13) chlorinated paraffins is now below 500 tonnes per year.

Regulatory - Short-chain chlorinated alkanes will be discussed at the POPRC8 (Persistent Organic Pollutants Review Committee, a subsidiary body of the Stockholm Convention) meeting to be held in October 2012. The World Chlorine Council (WCC) will be represented at this meeting to provide information to the delegates.

Regulatory - MCCPs (Medium Chain Chlorinated Paraffins) have been chosen to undergo evaluation under the EU REACH regulation. This implies that the CSR (Chemical Safety Report) will be analysed with a particular emphasis on the PBT (Persistent, Bioaccumulative and Toxic) properties.

India

Business - In India, 12% of chlorine produced goes for manufacture of Chlorinated Paraffin Wax (CPW). The CPW Industry in India is relatively small & fragmented. Reportedly, CPW manufacturers are mostly manufacturing Short Chain Chlorinated Paraffins (SCCPs) with carbon chain length of C10-13, with chlorination levels of greater than 50%.

Business - Two Chlor-Alkali manufacturers are presently manufacturing chlorinated paraffins. A few manufacturers are supplying chlorine to downstream units for CPW manufacture. Data from these downstream units are not currently available.

Regulatory - AMAI (Alkali Manufacturers Association of India) is committed sharing any further information available on the subject with WCC and would like to receive such information of other countries too.

North America

Business - SCCP no longer manufactured. MCCP and LCCP production continues.

Regulatory - In Canada, C10-C20 chlorinated alkanes are listed as CEPA (Canadian Environmental Protection Act) toxic substances. C10-C13 chlorinated alkanes are banned, while for C14-C20 a risk management program for downstream industry is being developed.

Regulatory - In the United States, the EPA is seeking new Inventory listings for MCCP and LCCP and a prohibition on the manufacture and use of SCCP.

Russia

Business - The chlorinated alkane output has been rising for the last few years in the Russian Federation. The gross output of MCCPs (C14 –C17) rose from 21,000 to 27,000 metric tons between 2007 and 2011. SCCPs are not produced in Russia, and there is currently no regulatory pressure on the MCCP and LCCP products.

News

Upcoming events:

ICAIA—International Workshop to be held 19-20 September 2012, subject to confirmation

POPRC8—Discussion on SCCPs wish profile for the Stockholm Convention,