

“Brainstorming session on Siloxane”

CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), as a Stockholm Convention Regional Centre (SCRC) on Persistent Organic Pollutants (POPs) for Asia Region, organized a **“Brainstorming session on Siloxane”** at CSIR-NEERI on July 5, 2018 for the **Risk Assessment and Socio-economic Analysis of Methylated Tetra and Penta Cyclo Siloxane (D4 & D5)**. Shri R.K. Bansal, Managing Director, Recycling and Environment Industry Association of India (REIAI), and Mr. Suvir, Consultant of REIAI took part in this brainstorming session. The Session was presided over by Dr. Rakesh Kumar, Director, CSIR-NEERI and coordinated by Dr. (Mrs.) Kanchan Kumari, Scientist, CSIR-NEERI.

In his opening remarks, Director, CSIR-NEERI, Dr. Rakesh Kumar stressed upon the need to identify the loopholes, formulate an effective plan in order to study the emerging chemicals of concern particularly, the siloxanes. The objective and scope of the brainstorming session was specified by Dr. (Mrs.) Kanchan Kumari in her introductory presentation. The presentation focused on detailed identification, Environmental fate, Assessment for exposure & hazard and Material Flow analysis of Methylated Tetra and Penta Cyclo Siloxane along with socioeconomic analysis for any short-term or long-term non-availability of D4 and D5 in India. Environmental fate and International scenario related to D4 and D5 was elucidated by Dr. A Ramesh Kumar in his presentation. He explained the Sources, Nature, physico-chemical properties of D4 & D5 Siloxane and Criteria of various International Conventions for Persistent Organic Pollutants (POPs).

The session was quite informative and interactive which was finally concluded by Dr. A.N. Vaidya, Chief Scientist and Head, Solid Waste and Hazardous Waste Management Division and contact person of SCRC. Dr. A. N. Vaidya strongly recommended to undertake various R&D activities by CSIR-NEERI in order to overcome challenges associated with newly emerging chemicals. The session was attended and enriched by the valuable presence and technical inputs from Dr. Krishnamurthy, Sr. Principal Scientist & Head, Health and Toxicity Cell, Dr. Sukdeb Pal, Scientist, Waste Water Technology Division, Er. Praveen Siluvai Antony, Scientist, Cleaner Technology and Modelling Division. Mr. Pradip Jadhao, Mr. Ankur Khare, Mr. Deepak Marathe, Ms. Anuradha Awasthi and Ms. Sonam Paliya from Environmental Impact and Sustainability Division were also present in the session.



Shri R.K. Bansal, Managing Director, Recycling and Environment Industry Association of India (REIAI) and Dr. Rakesh Kumar, Director, CSIR-NEERI



Mr. Suvir, Consultant of Recycling and Environment Industry Association of India (REIAI) and Dr. Rakesh Kumar, Director, CSIR-NEERI



A view of Brainstorming session



Dr. Rakesh Kumar, Director, CSIR-NEERI addressing the participants



A view of Brainstorming session



A view of Brainstorming session



Dr. (Mrs) Kanchan Kumari speaking on this occasion



Dr. A.N. Vaidya, Chief Scientist, CSIR-NEERI during the Session