DEPARTMENT OF HEALTH AND HUMAN SERVICES

Agency for Toxic Substances and Disease Registry

Availability of Draft Interaction Profile for Mixtures of Insecticides: Pyrethroids, Organophosphorus Compounds, and Carbamates

AGENCY: Agency for Toxic substances and Disease Registry (ATSDR), Department of Health and Human Services (HHS).

ACTION: Notice of availability; request for comments.

SUMMARY: The Agency for Toxic Substances and Disease Registry (ATSDR), within the Department of Health and Human Services (HHS) announces the availability of the Draft Interaction Profile for Mixtures of Insecticides: Pyrethroids, Organophosphorus Compounds, and Carbamates for review and comment. This interaction profile evaluates a mixture of chemicals often found in human blood, adipose tissue, and breast milk. The purpose of this interaction profile is to investigate the possible joint actions of these chemicals on endocrine, developmental, and neurobehavioral endpoints in humans. This interaction profile has undergone external peer-review and review by ATSDR’s Interagency Workgroup on Mixtures. ATSDR remains committed to providing a public comment period for these documents as a means to best serve public health and the public.

DATES: Comments must be submitted by August 13, 2018.

ADDRESSES: You may submit comments, identified by docket number ATSDR–2018–0004, by any of the following methods:

- Mail: Division of Toxicology and Human Health Sciences, Agency for Toxic Substances and Disease Registry, 1600 Clifton Rd. NE, MS F–57, Atlanta, GA 30329, Attn: Docket ATSDR–2018–0004.

Instructions: All submissions must include the agency name and docket number for this notice. All relevant comments will be posted without change. This means that no confidential business information or other confidential information should be submitted in response to this notice.

FOR FURTHER INFORMATION CONTACT: Dr. Hana Pohl, Division of Toxicology and Human Health Sciences, Agency for Toxic Substances and Disease Registry, 1600 Clifton Rd. NE, MS F–57, Atlanta, GA 30329. Telephone: 770.488.3355. Email: hrp1@cdc.gov.

SUPPLEMENTARY INFORMATION: ATSDR develops interaction profiles for hazardous substances found at the National Priorities List (NPL) sites under Sections 104(i)(6) and (5) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA). This law requires that ATSDR assess whether or not adequate information on health effects is available for priority hazardous substances. Where such information is not available or under development, ATSDR shall, in cooperation with the National Toxicology Program, initiate a research program to determine these health effects. The Act further directs that, where feasible, ATSDR shall develop methods to determine the health effects of these priority hazardous substances in combination with other substances commonly found with them.

To carry out these legislative mandates, ATSDR has created a chemical mixtures program and developed a document, “Framework for Assessing Health Impacts of Multiple Chemicals and Other Stressors,” that outlines the latest methods for mixtures health assessment. The Framework document is available online at https://www.atsdr.cdc.gov/interactionprofiles/ipga.html. In addition, a series of documents, called “interaction profiles,” is developed for certain priority mixtures that are of special concern to ATSDR. To recommend approaches for the exposure-based assessment of the potential hazard to public health, an interaction profile evaluates data on the toxicology of the whole priority mixture, if available, and on the joint toxic action of the chemicals in the mixture.

Availability


Pamela I. Protzel Berman, Director, Office of Policy, Planning and Partnerships, Agency for Toxic Substances and Disease Registry.

FOR FURTHER INFORMATION CONTACT: Gwendolyn H. Cattledge, Ph.D.,
SUPPLEMENTARY INFORMATION:

Purpose: The Board will: (1) Conduct, encourage, cooperate with, and assist other appropriate public health authorities, scientific institutions, and scientists in the conduct of research, investigations, experiments, demonstrations, and studies relating to the causes, diagnosis, treatment, control, and prevention of physical and mental diseases, and other impairments; (2) assist States and their political subdivisions in preventing and suppressing communicable and non-communicable diseases and other preventable conditions and in promoting health and well-being; and (3) conduct and assist in research and control activities related to injury. The Board of Scientific Counselors makes recommendations regarding policies, strategies, objectives, and priorities; and reviews progress toward injury prevention goals and provides evidence in injury prevention-related research and programs. The Board also provides advice on the appropriate balance of intramural and extramural research, the structure, progress and performance of intramural programs. The Board is designed to provide guidance on extramural scientific program matters, including the: (1) Review of extramural research concepts for funding opportunity announcements; (2) conduct of Secondary Peer Review of extramural research grants, cooperative agreements, and contracts applications received in response to the funding opportunity announcements as it relates to the Center’s programmatic balance and mission; (3) submission of secondary review recommendations to the Center Director of applications to be considered for funding support; (4) review of research portfolios, and (5) review of program proposals.

Matters To Be Considered: Day One: The agenda will include discussions on reducing youth violence through CDC’s National Centers of Excellence in Youth Violence Prevention, and discuss improvements to Web-based Injury Statistics Query and Reporting System (WISQARS) data visualization. Agenda items are subject to change as priorities dictate.

The Director, Management Analysis and Services Office, has been delegated the authority to sign Federal Register notices pertaining to announcements of meetings and other committee management activities, for both the Centers for Disease Control and Prevention and the Agency for Toxic Substances and Disease Registry.

Claudette Grant, Acting Director, Management Analysis and Services Office, Centers for Disease Control and Prevention.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention

[Docket Number CDC–2018–0046, NIOSH–313]

Occupational Robotics Research Prioritization

AGENCY: National Institute for Occupational Safety and Health (NIOSH) of the Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS).

ACTION: Request for information and comment.

SUMMARY: The National Institute for Occupational Safety and Health of the Centers for Disease Control and Prevention has recently established the Center for Occupational Robotics Research. NIOSH is requesting information to guide the prioritization of research to be undertaken by the Center. NIOSH is seeking input on priority gaps in knowledge on the safety and health of humans working with robotics technology, with an emphasis on worker safety and health research which is unlikely to be completed by other federal agencies, academia, and the private sector.

Table of Contents

• DATES:
• ADDRESSES:
• FOR FURTHER INFORMATION CONTACT:

• SUPPLEMENTARY INFORMATION:
• BACKGROUND:
• INFORMATION NEEDS:
• REFERENCES:

DATES: Electronic or written comments must be received by July 13, 2018.

ADDRESSES: You may submit comments, identified by CDC–2018–0046 and docket number NIOSH–313, by any of the following methods:

• Federal eRulemaking Portal: http://www.regulations.gov. Follow the instructions for submitting comments.

• Mail: National Institute for Occupational Safety and Health, NIOSH Docket Office, 1090 Tusculum Avenue, MS C–34, Cincinnati, Ohio 45226–1998.

Instructions: All information received in response to this notice must include the agency name and docket number [CDC–2018–0046; NIOSH–313]. All relevant comments received will be posted without change to www.regulations.gov, including any personal information provided. For access to the docket to read background documents or comments received, go to www.regulations.gov. All information received in response to this notice will also be available for public examination and copying at the NIOSH Docket Office, 1150 Tusculum Avenue, Room 155, Cincinnati, OH 45226–1998.

FOR FURTHER INFORMATION CONTACT: Hongwei Hsiao, Ph.D., NIOSH Division of Safety Research, 1095 Willowdale Road, Morgantown, WV 26505, 304–285–5910 (not a toll-free number), hhsiao@cdc.gov.

SUPPLEMENTARY INFORMATION: Industrial robots have been a significant part of the workplace for decades. Within the last decade, there have been dramatic advances in robotics technology which have changed the types of work performed by robots and how robots interact with human workers. Whereas traditional industrial robots operate in cages or cells that are off-limits to human workers, newer types of robots are designed to work in collaboration with and in shared spaces with human workers. In collaborative operation, robots work in close proximity to humans and can potentially come into contact depending on the collaborative functionality implemented into the robot system. The use of robots has been rapidly increasing in many industrial sectors, including the manufacturing, healthcare, mining, and construction sectors. The International Federation of Robotics reported that the worldwide growth of industrial robots will be at least 15% annually from 2018 to 2020, and the stock of operational industrial robots will exceed 3 million units by the end of 2020 [IFR 2017]. Within the