

# IPCS

INTERNATIONAL PROGRAMME ON CHEMICAL SAFETY

## Environmental Health Criteria 243

# AIRCRAFT DISINSECTION INSECTICIDES

## IOMC

### INTER-ORGANIZATION PROGRAMME FOR THE SOUND MANAGEMENT OF CHEMICALS

A cooperative agreement among FAO, ILO, UNDP, UNEP, UNIDO, UNITAR,  
WHO, World Bank and OECD

*This report contains the collective views of an international group of experts  
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The **International Programme on Chemical Safety (IPCS)** was established in 1980. The overall objectives of the IPCS are to establish the scientific basis for assessment of the risk to human health and the environment from exposure to chemicals, through international peer review processes, as a prerequisite for the promotion of chemical safety, and to provide technical assistance in strengthening national capacities for the sound management of chemicals.

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## TERMINOLOGY, ABBREVIATIONS AND ACRONYMS

ADI	acceptable daily intake
a.i.	active ingredient
AOEL	acceptable operator exposure level
ARfD	acute reference dose
ATSDR	Agency for Toxic Substances and Disease Registry
BMD	benchmark dose
BMDL	lower 95% confidence limit on the BMD
EFSA	European Food Safety Authority
GLP	good laboratory practice
guideline scenario	the insecticide is used according to the instructions given on the product label and in WHO guideline information
IARC	International Agency for Research on Cancer
IHR	International Health Regulations (2005)
IPCS	International Programme on Chemical Safety
JECFA	Joint FAO/WHO Expert Committee on Food Additives
JMPM	Joint FAO/WHO Meeting on Pesticide Management
JMPR	Joint FAO/WHO Meeting on Pesticide Residues
lax standard scenario	a scenario representing less than optimum conditions, such as minor deviations from instructions, missing or inadequate protective clothing, equipment not functioning perfectly
LD <sub>50</sub>	median lethal dose
LOAEL	lowest-observed-adverse-effect level
NOAEC	no-observed-adverse-effect concentration
NOAEL	no-observed-adverse-effect level
OECD	Organisation for Economic Co-operation and Development
OEL	occupational exposure level
PPE	personal protective equipment

PSD	Pesticides Safety Directorate of the United Kingdom
RfC	reference concentration
RfD	reference dose
TSD	tolerable systemic dose
TSD <sub>AC</sub>	tolerable systemic dose for acute exposure
TWA	time-weighted average
UF	uncertainty factor
USEPA	United States Environmental Protection Agency
WHO	World Health Organization

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