

SYNTOX

MSDS ID: 07247

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SYNTOX
PRODUCT DESCRIPTOR: SYNTHETIC INSECTICIDE
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
ISOPARAFFINIC PETROLEUM DISTILLATE (64742-47-8)	99	TWA 300 (RECOMMENDED)	PPM
RESMETHRIN (10453-86-8)	.20	NONE ESTABLISHED	
D-TRANS ALLETHRIN (584-79-2)	.20	NONE ESTABLISHED	
EPA REG. NUMBER 875-165			

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: HARMFUL OR FATAL IF SWALLOWED. IRRITATING TO SKIN AND EYES.
EXCESSIVE INHALATION OF VAPORS CAN CAUSE DIZZINESS, HEADACHE,
FATIGUE AND RESPIRATOR IRRITATION.
CHRONIC: SAME AS ACUTE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Sensitive skin

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.
SKIN: WASH OFF WITH SOAP AND WATER.
INGESTION: IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL/CENTER IMMEDIATELY. DO NOT INDUCE VOMITING. ASPIRATION IS A POTENTIAL HAZARD AND CAN CAUSE CHEMICAL PNEUMONITIS.
INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: 180 DEG F FLAME EXTENSION: N/A IN.
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/K UEL: N/K
UNUSUAL FIRE OR EXPLOSION HAZARDS: VAPORS ARE HEAVIER THAN AIR AND CAN TRAVEL ALONG GROUND AND BE IGNITED BY SPARKS AND

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V. FIRE FIGHTING MEASURES (Cont.)

EXTINGUISHING MEDIA: OPEN FLAMES.
FOAM, DRY CHEMICALS, CO2
FIRE FIGHTING INSTRUCTIONS: PROVIDE SUPPLIED-AIR RESPIRATOR. KEEP
UNOPENED DRUMS COOL WITH WATER TO HELP
PREVENT RUPTURE AND EXPLOSION CAUSED BY
HIGH TEMPERATURES.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: DIKE AREA TO CONTAIN SPILL; PUMP LIQUID TO
SUITABLE CONTAINER. PICK UP RESIDUE ON ABSORBENT MATERIAL. TRANSPORT TO
AUTHORIZED HAZARDOUS CHEMICAL WASTE TREATMENT FACILITY. EXTINGUISH ALL SOURCES
OF IGNITION. PROVIDE SUPPLIED-AIR RESPIRATORS TO CLEANUP PERSONNEL.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN A COOL, DRY LOCATION. KEEP
CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS AND OPEN
FLAMES.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: SAFETY GLASSES
PROTECTIVE GLOVES: SOLVENT-RESISTANT, SUCH AS NEOPRENE RUBBER
RESPIRATORY PROTECTION: PROVIDE NIOSH/MSHA-APPROVED RESPIRATOR IF TLV/PEL
LIMITS ARE LIKELY TO BE EXCEEDED.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: APRON, PROTECTIVE CLOTHING COVERING THE
SKIN IS RECOMMENDED.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 350 SPECIFIC GRAVITY: 0.7870
VOLATILE BY VOLUME: 100 SOLUBILITY IN WATER: 0
VAPOR PRESSURE (MMHG): .13 AT 20 C
APPEARANCE AND ODOR: PALE YELLOW LIQUID; CHARACTERISTIC SYNTHETIC PYRETHROID
ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: CO2, CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: NONE KNOWN

MATERIAL SAFETY DATA SHEET

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XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: TRIPLE RINSE CONTAINER WITH COLD WATER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:
Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

NONE

LISTED CARCINOGEN: NONE

NTP: NO

IARC: NO

OSHA: NO

HMIS RATINGS: HEALTH: 2 FIRE: 2 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

STATE RIGHT-TO-KNOW INFORMATION:

ISOPARAFFINIC PETROLEUM DISTILLATE - CAS #64742-47-8

RESMETHRIN - CAS #10453-86-8

D-TRANS ALLETHRIN - CAS #584-79-2

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.