

Eye: May cause pain and slight eye irritation.

Toxicological data taken from similar material of higher concentration.

Skin absorption: The LD50 for skin absorption in rabbits is greater than 2000 mg/kg.

Ingestion: The oral LD50 for female rats is less than 382 mg/kg.

Inhalation: The LC 50 for rats is greater than 1.5 mg/L

Chlorpyrifos is not listed as a carcinogen by IARC, NTP, OSHA

VII REACTIVITY

Stability: Unstable at temperatures above 120°F.

Conditions to Avoid: Do not allow to get wet in storage. Moisture may induce fermentation producing internal heating and decomposition of Chlorpyrifos.

Materials to Avoid: Alkali media and strong acidic conditions.

Hazardous Decomposition Products: High temperature decomposition of Chlorpyrifos produces volatile organic sulfides which are flammable, odorous and may be toxic.

VIII SPILL OR LEAK PROCEDURES

Steps To Be Taken If Spilled: Contain and sweep up spilled material. Keep dust to minimum during clean up. Clean up personnel should use protective equipment in Special Protection section IX.

WASTE DISPOSAL: Spilled product that can not be used according to labeled instruction must be disposed according to applicable local, State, and Federal procedures.

IX SPECIAL PROTECTION

Respiratory: Type/Conditions. Avoid breathing dust. Under dusty conditions wear a NIOSH approved respirator with pesticide cartridge.

Ventilation: General, Handle with good ventilation. Handle to produce a minimum of dust.

Gloves: Neoprene gloves. Should be needed only for prolonged handling.

Eye Protection: Safety glasses with side shields.

Other protective Equipment: Clean, freshly laundered, body covering work clothing. Do not wear contaminated clothing. Agricultural use requirements "WPS" coveralls, waterproof gloves, and shoes plus socks. Restricted entry interval (REI) 12 hours.

X SPECIAL PRECAUTIONS

Handling Precautions: Avoid breathing dust. Wash thoroughly after handling.

Storing Precautions: Store in cool dry place. Do not contaminate feed or food. Do not store where temperatures would exceed 120 oF. Do not place damaged or leaking containers in inventory.

Other Precautions: Do not contaminate any body of water.

KEEP OUT OF REACH OF CHILDREN OR DOMESTIC ANIMALS.

X I TRANSPORTATION & SELECTED REGULATORY INFORMATION

Hazardous shipping name for domestic surface transportation: RQ Environmentally hazardous substances, solid, nos (Chlorpyrifos), 9 UN3077, PG III

SARA 313 information none SARA 311/312 An immediate health hazard, A delayed health hazard.

40 CFR Table 302.4 RQ 1 LB (chlorpyrifos) Chlorpyrifos is classed as a severe Marine Pollutant. This information relates solely to the designated product and is not inclusive for combinations with other materials. This information is given without warranty or representation. Information is based on data we believe to be correct as of the date hereof. This information is furnished solely for your consideration, investigation, and verification. Before using any product READ THE LABEL.

Manufacturer's Name & Address

Southern Agricultural Insecticides, Inc.

PO Box 218, Palmetto, Fla. 34220

Phone: 1-941-722-3285

Chemtrec: 1-800-424-9300

I NOMENCLATURE

Product Name: Chlorpyrifos 2.5% Granular Insecticide EPA Reg.No. 829-292
 Chemical Name: O,O-Diethyl 0--Diethyl O(3,5,6-trichloro-2-pyridinyl)phosphorothioate
 Synonyms: Accepted common name: Chlorpyrifos; DursbanR, LorsbanR
 Chemical Family: Organophosphate insecticide

II INGREDIENTS

	CAS No.	ACGIH TLV	OSHA PEL
Chlorpyrifos 2.5%	2921-88-2	0.2 mg/M3	0.2 mg/M3 (Skin)
Ground Plant material	94.0% none	PNOR	5 mg/M3 Respirable 15 mg/M3 Total dust

III PHYSICAL PROPERTIES

Boiling Point: N/A
Vapor Pressure: (mmHg): Very Low
Vapor Density: (air=1) N/A
Reactivity in Water: Negligible
Appearance/Odor: Light tan finely ground granules with hydrocarbon/pepper like odor.

Bulk Density: about 36-38 lbs/ft3
Percent Volatile: (by volume) N/A
Solubility In Water: (Chlorpyrifos)1.2 ppm

IV FIRE AND EXPLOSION DATA

Flash Point: 388 °F(granules) Minimum explosive concentration 0.045 oz/ft3
 Material does not burn readily, under small fire conditions. Smoldering product may still produce toxic gases. If water is used, use soft stream foggers to minimize spread of contamination. Dust explosion is possible. Avoid dispersion of dust to reduce potential explosion hazard.
Extinguishing Media: Water fog, foam, CO2, Dry chemical
Special Fire Fighting Procedures: Water fog to cool material. If fire encompasses large inventory of product, wear self contained breathing apparatus.
Unusual Fire & Explosion Hazards: Toxic, irritating, flammable gasses may be formed. Avoid breathing smoke and fumes. Chlorpyrifos rapidly decomposes at 160°C to 200°C.

V FIRST AID

EYE Exposure: Flush eyes a gentle stream of clean water for at least 15 minutes. Hold eye lids apart to ensure washing underside of lids. Remove contact lenses while rinsing. If irritation develops see a physician.
SKIN Exposure: Remove contaminated clothing and wash all exposed skin surfaces thoroughly with soap and water. If toxic symptoms or irritation develop get immediate medical attention.
INHALATION: Remove to fresh air and administer artificial respiration and/or oxygen if needed. Get immediate medical attention.
IF SWALLOWED: Wash mouth out with water. Drink 1 or 2 glasses of water and induce vomiting by touching finger in back of throat. Contact physician immediately.
Note to Physician: Atropine, only by injection, is the preferable antidote.

VI HEALTH HAZARD DATA

SYMPTOMS of OVEREXPOSURE: Cholinergic effects, dizziness, nausea, abdominal cramps, pinpoint pupils. If symptoms persist see a physician.