

MATERIAL SAFETY DATA SHEET

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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NAME: **SUNGRO RESIDUAL SPRAY**

RESIDUAL INSECTICIDE

PRODUCT CODE: **27050**

USDA F-2 RATED

E.P.A. REG. NO.: 11474--20

MANUFACTURER: *Sungro Chemicals, Inc. P.O.Box 24632 Los Angeles, CA 90024*
(213)747-4125 (800)463-9179 FAX: (213)747-0942

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COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL	CAS#	OSHA PEL	ACGIH TLV	OTHER	%(optional)
*Propoxur	114-26-1	N/E	0.5mg/M ³	N/E	1.0
*2- Butoxyethanol	111-76-2	25ppm (skin)	25ppm (skin)	N/E	Conf.
Petroleum Distillate	64742-47-8	100ppm	100ppm	N/E	Conf.

*This material is subject to the reporting requirements of section 313.

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HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW*****

HEALTH: Causes temporary eye irritation, blurred vision. Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin or eyes.

ENVIRONMENTAL: This product is toxic to birds, fish and other wildlife. Keep away from heat sources or flame.

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY - Ingestion, Inhalation, and skin contact.

EYES - May cause temporary eye injury such as blurred vision, and contracted pupils.

SKIN - Harmful if absorbed through the skin. may cause systemic intoxication, nausea, vomiting, diarrhea.

INGESTION - Harmful if swallowed, may cause systemic intoxication. **INHALATION:** Harmful if inhaled may cause tightness of chest or wheezing.

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FIRST AID MEASURES

EYES: - Flush with plenty of water. Contact a physician.

SKIN: - Remove contaminated clothing and wash affected areas with soap and water. If irritation occurs, consult a physician.

INGESTION: - Call a poison control center or physician immediately. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

INHALATION: - Remove affected person to fresh air. Apply artificial respiration if indicated. Get medical attention.

NOTE TO PHYSICIAN: ANTIDOTE - Administer atropine sulfate in therapeutic doses. Repeat as necessary.

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FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: FLASH POINT: >150° F (TCC) FLAMMABLE LIMITS: N/E

EXTINGUISHING MEDIA - Foam, Dry Chemical and Water.

FIRE FIGHTING INSTRUCTIONS - Use self-contained breathing apparatus pressure demand, MSHA/NIOSH approved and full protective gear.

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ACCIDENTAL RELEASE MEASURES

Soak up with an absorbent material such as sand sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

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HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. Do not contaminate water, food or feed by storage or disposal. Do not allow spray to contact food, foodstuffs, or utensils. Cover or remove food and food processing equipment before application. Do not apply while food processing is underway. After spraying in food processing plants, wash all equipment thoroughly with soap and hot water. All food processing surfaces should be covered during treatment or washed before use. Do not allow children in treated areas until surfaces are dry. Remove pets, birds, and cover fish aquaria before spraying. Do not use as a space spray.

STORAGE PRECAUTIONS: Store upright at room temperature. Avoid exposure to extreme temperatures. Keep away from heat or open flame.

Containers Smaller Than One Gallon: Store in original container in a cool dry place inaccessible to children and pets.

WORK/HYGIENIC PRACTICES: Wash hands, arms and face with soap and water after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before reuse.

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EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE/ FACE PROTECTION: Safety Glasses or Goggles

SKIN PROTECTION: Rubber or impervious gloves.

RESPIRATORY PROTECTION: Use in well ventilated areas. May use a pesticide organic vapor respirator jointly approved by MENSA or OSHA under provisions of 30 CFR 11.

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PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Colorless to light yellow liquid **ODOR:** Characteristic insecticide solvent odor

BASIC PHYSICAL PROPERTIES

VAPOR PRESSURE: 1.0

VAPOR DENSITY: 5.7

SPECIFIC GRAVITY: 0.84 LBS / GAL: 7

EVAPORATION RATE: N/E

SOLUBILITY IN WATER: Insoluble

Boiling Point: 363°F-488°F

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STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBLE MATERIALS: Alkaline materials and strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, CH₃NCO, CH₃NH₂

HAZARDOUS POLYMERIZATION: Will Not Occur

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TOXICOLOGICAL INFORMATION

EYE EFFECTS: Non-irritating

SKIN EFFECTS: Non-irritating. Acute Dermal LD₅₀: >1000 mg/kg. Sensitization: Positive

ACUTE ORAL EFFECTS: Oral LD₅₀: >5000mg/kg

ACUTE INHALATION EFFECTS: 1-hour LC₅₀: 31mg/L

CHRONIC (CANCER INFORMATION): CARCINOGENICITY: NTP: No IARC: No OSHA: No

IFIFRA TOXICITY CATEGORY: III

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ECOLOGICAL INFORMATION

This product is highly toxic to birds, fish and other wildlife. Birds, especially water fowl, feeding or drinking on treated areas may be killed. Keep out of lakes, streams, ponds tidal marshes, and estuaries. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

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DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Containers one gallon and less wrap container in several layers of newspaper and discard in trash.

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TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: : Insecticide liquid O/T agricultural

NMFC 102120; LTL CLASS 60

HAZARD CLASS: None **DOT IDENTIFICATION NUMBER:** None

DOT SHIPPING LABEL: None

RQ: 100 lbs.

NOTE: This product is NOT regulated by D.O.T.

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REGULATORY INFORMATION

SARA TITLE III NOTIFICATIONS AND INFORMATION: This product DOES contain any toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

CAS NUMBER
114-26-1
111-76-2

INGREDIENT
Propoxur
2- Butoxyethanol

PERCENT BY WEIGHT
1.0
Conf.

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OTHER INFORMATION

HMIS Ratings: Health - 1 Slight Fire - 2 Moderate Reactivity - 1 slight Personal Protection -B

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APPENDIX

MATERIAL SAFETY DATA SHEET PREPARED BY: REGULATORY DEPARTMENT
DATE PREPARED: June, 16, 1997 SUPERSEDES:
EMERGENCY PHONE NUMBER: 213-747-4125

ABBREVIATIONS
N/E Not Established
N/A Not Available
Conf. Confidential