

# MATERIAL SAFETY DATA SHEET

## SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

NAME: **NUMB BUG**  
E.P.A. REG. NO.: 11474-6

PRODUCT CODE: **26450**  
E.P.A. EST. NO.: 11474-CA01

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

## SECTION II - COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL	CAS#	OSHA PEL	ACGIH TLV	OTHER	% (optional)
d-trans Allethrin	(28057-48-9)	N/E	N/E	N/A	.10
Piperonyl Butoxide Technical	(51-03-6)	N/E	N/E	N/A	.20
N-octyl bicycloheptene dicarboximide	(113-48-4)	N/E	N/E	N/A	.33
Isoparaffinic Petroleum Solvent	(64742-47-8)	100ppm	100ppm	N/A	99.37

## SECTION III - HAZARDS IDENTIFICATION

\*\*\*\*\* **EMERGENCY OVERVIEW** \*\*\*\*\*

**HEALTH:** Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin or eyes. Do not contaminate water, food or feed by storage or disposal.

**ENVIRONMENTAL:** This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes or estuaries. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

### POTENTIAL HEALTH EFFECTS

**PRIMARY ROUTE(S) OF ENTRY** - Oral, Ingestion, skin and eye contact.

**EYES** - Non irritating.

**SKIN** - Harmful if absorbed through skin.

**INGESTION** - Harmful if swallowed

## SECTION IV - FIRST AID MEASURES

**EYES:** - Flush with water for 10-15 minutes. Contact a physician if irritation persists.

**SKIN:** - Remove contaminated clothing. Wash skin with soap and water. Contact a physician if irritation persists.

**INGESTION:** - Contact a physician or Poison Control Center immediately. Do NOT induce vomiting unless directed to do so by a physician. This product contains petroleum distillate. Vomiting may cause aspiration pneumonia. Do not give anything by mouth to an unconscious person.

**INHALATION:** - Remove affected person to fresh air. Apply artificial respiration if indicated.

**NOTE TO PHYSICIAN:** - This product contains a pyrethroid. If a small amount is ingested (or if treatment is delayed) oral administration of large amounts of activated charcoal and a cathartic is probably sufficient therapy.

Do not administer milk, cream or other substances containing vegetable or animal fats which enhance the absorption of lipophilic substances.

## SECTION V - FIRE FIGHTING MEASURES

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

**EXTINGUISHING MEDIA** - Foam, Carbon Dioxide, Dry Chemical and Water Fog.

**FIRE FIGHTING INSTRUCTIONS** - Use self-contained breathing apparatus pressure demand, MSHA/NIOSH approved (or equivalent) and full protective gear. Cool fire-exposed areas and equipment. Do not use direct stream of water. Material may float and reignite.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

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

## SECTION VII - 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 apply directly to food. 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.

**STORAGE PRECAUTIONS:** Store upright at room temperature. Avoid exposure to extreme temperatures.

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.



**SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION****EYE/ FACE PROTECTION:** Safety Glasses or Goggles**SKIN PROTECTION:** Rubber or impervious gloves.**RESPIRATORY PROTECTION:** Use in well ventilated areas. Pesticide respirator jointly approved by MENSA or OSHA under provisions of 30 CFR 11.**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE:** Thin, light yellow, clear liquid**ODOR:** Very Mild**BASIC PHYSICAL PROPERTIES****VAPOR PRESSURE:** <2 mm Hg @25 deg. C**VAPOR DENSITY:** >5 (Air=1)**SPECIFIC GRAVITY:** 0.82**LBS / GAL:** 6.8**EVAPORATION RATE:** <0.1 (-Butyl Acetate=1)**SOLUBILITY:** Oil-soluble; Water-insoluble**SECTION X - STABILITY AND REACTIVITY****STABILITY:** Stable**CONDITIONS TO AVOID (STABILITY):** None**INCOMPATIBLE MATERIALS:** Strong oxidizing Agents**HAZARDOUS DECOMPOSITION PRODUCTS:** None Known**HAZARDOUS POLYMERIZATION:** Will Not Occur**SECTION XI - TOXICOLOGICAL INFORMATION****EYE EFFECTS:** None irritating**SKIN EFFECTS:** Acute Dermal LD<sub>50</sub>: >2000 mg/kg. Mildly irritating.**ACUTE ORAL EFFECTS:** Oral LD<sub>50</sub>: >5000mg/kg**ACUTE INHALATION EFFECTS:** Inhalation LC<sub>50</sub>: >5 mg/L**CHRONIC (CANCER INFORMATION):** CARCINOGENICITY:

NTP: No

IARC: No

OSHA: No

**FIFRA TOXICITY CATEGORY:** III**SECTION XII - ECOLOGICAL INFORMATION**

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**SECTION XIII - DISPOSAL CONSIDERATIONS**

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

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by 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.

**SECTION XIV - 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:** None**NOTE:** This product is not DOT regulated.**SECTION XV - REGULATORY INFORMATION**

**SARA TITLE III NOTIFICATIONS AND INFORMATION:** This product does not 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:

**SECTION XVI - OTHER INFORMATION****HMIS Ratings:** Health - 1 (Slight)Fire - 2 (Moderate)Reactivity - 0 (Negligible)Personal Protection -B (Safety Glasses & Gloves)**SECTION XVII - APPENDIX**

MATERIAL SAFETY DATA SHEET PREPARED BY: REGULATORY DEPARTMENT  
DATE PREPARED: MARCH 8, 1996 SUPERSEDES: FEBRUARY 22, 1990  
EMERGENCY PHONE NUMBER: 213-747-4125  
FAX NUMBER 213-747-0942

**ABBREVIATIONS**

N/E Not Established

N/A Not Available