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MATERIAL SAFETY DATA SHEET

MANUFACTURER

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PRODUCT IDENTIFICATION

DATE PREPARED: FEB 2001
PRODUCT NAME: NATURE'S INSECT GUARD
GENERAL/GENERIC ID: Garlic Sucrose Extract
DOT SHIPPING CLASS: 70
HAZARD CLASSIFICATION: Health-1 Fire-0, Reactivity- 0
HAZARD CLASSIFICATION KEY: 0-least, 1-slight, 2-moderate, 3-high, 4-extreme

HAZARDOUS INGREDIENTS

COMPONENT	CAS NUMBER	PERCENT	ACGIH TLV	OSHA PEL
NONE				

(*) INDICATES HAZARDOUS INGREDIENTS WHICH ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. THE CHEMICAL NAME, CAS# AND PERCENT BY WEIGHT INFORMATION MUST BE INCLUDED IN ALL MSDS COPIED AND DISTRIBUTED FOR THIS MATERIAL.

PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 85 C (185 F)
VAPOR DENSITY (air=1): N/A
SOLUBILITY (in water): COMPLETE
APPEARANCE AND ODOR: CLEAR PINK LIQUID, HEAVY GARLIC SMELL
pH OF CONCENTRATE: 4.5
DENSITY: 8 lbs per gallon 0.95 kg per liter

FIRE & EXPLOSION HAZARD DATA

FLASH POINT (F): 190 C (374 F)
AUTO IGNITION TEMP: 250 C (482 F)
LEL: N/A
UEL: N/A
EXTINGUISHING MEDIA: Water, water fog or foam.
SPECIAL FIRE FIGHTING PROCEDURES: Burning Fluids may give irritating noxious fumes
UNUSUAL FIRE & EXPLOSION HAZARDS: None
FIRE FIGHTING PROCEDURES: Use water fog to cool fire exposed containers, use water carefully near exposed/burning liquids . May cause splashing of hot liquid material.

REACTIVITY DATA

STABILITY: Product is stable.
CONDITIONS TO AVOID: None
MATERIALS TO AVOID: Strong Acids or Alkali and strong Oxidizers.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon Monoxide and Carbon Dioxide.
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Avoid breathing in Fumes or working in unventilated conditions

HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

INHALATION: Slight fume inhalation **SKIN:** NO **INGESTION:** UNLIKELY

HEALTH HAZARDS (ACUTE & CHRONIC): Eye contact may cause irritation. Prolonged contact with skin may cause irritation or dermatitis in sensitive individuals.

CARCINOGENICITY: NO

IARC MONOGRAPHS: NO

OSHA REGULATED: NO

NTP: NO

EYE IRRITATION: Fumes May Cause Slight Irritation

SKIN IRRITATION: May Cause slight Irritation on sensitive skin.

CARCINOGEN: This product contains no carcinogens

*****EMERGENCY AND FIRST AID PROCEDURES*****

INGESTION: DO NOT INDUCE VOMITING, CONTACT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. OFFER SMALL AMOUNTS OF WATER OR MILK.

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN CONTACT: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SPILL, LEAK OR DISPOSAL

SPILL STEPS: Area of spill may be slippery, so caution should be taken. Contain spill with inert product such as earth (sand) sawdust, or absorbing inert material and recover product excess product for use or disposal.

WASTE DISPOSAL METHOD: Disposal method must comply with local, state or federal laws. Material may be disposed or incinerated at an approved disposal facility. Material should be recycle if possible. If product can not be disposed of according to use directions on label, dispose of in accordance with local, state and federal regulations.

STORAGE & HANDLING: Store in a cool dry area. Keep container closed when not in use. Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: If mist or dust conditions should be present, use respirator approved by NIOSH.

VENTILATION: Adequate ventilation required to maintain fresh air flow.

LOCAL EXHAUST: Adequate

EYES AND FACE: Goggles or face shield to avoid irritation.

HANDS, ARMS AND BODY: Adequate clothing should be worn to prevent skin irritation.

WORK/HYGIENIC PRACTICES: Wash all clothing before wearing. Wash all exposed skin surfaces with soap and water after using this product.

SPECIAL CLOTHING AND EQUIPMENT: Eye bath, safety shower and oxygen mask.

WARRANTY

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