

MATERIAL SAFETY DATA SHEET
Essentially similar to OSHA Form #174

IDENTITY: **CONTACT INSECTICIDE - JR 318**

SECTION 1

MANUFACTURER'S NAME: Sysco Chemical
STREET ADDRESS: 1390 Enclave Parkway
CITY, STATE, ZIP CODE: Houston, TX 77077

EMERGENCY PHONE NO.:
(713) 584-1790
DATE PREPARED: 7-15-88

SECTION 2 — HAZARDOUS INGREDIENTS

INGREDIENTS	%	PEL PPM	TLV PPM	TLV MG/M3	CAS Number
Odorless Mineral Spirits	5	500	100		64742-89-8
A Isobutane	30	1000	1000		00075-28-5
Petroleum distillate	10.0	N/E	300		64742-47-8
Piperonyl Butoxide	2	N/E	N/E		51-03-6
Pyrethins	0.40	5000	N/E	5.0	8003-34-7

SECTION 3 — PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: Propellant below 0.0 F
VAPOR PRESSURE (mm Hg.): NA
VAPOR DENSITY (AIR = 1): Heavier than air
SOLUBILITY IN WATER: NA
APPEARANCE AND ODOR: NA

SPECIFIC GRAVITY: NA
MELTING POINT: NA
EVAPORATION RATE: Propellants faster than ether

SECTION 4 — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): Propellant < 20 F. (T.O.C.)
FLAMMABLE LIMITS: NA LEL: NA UEL: NA
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or foam.
SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective. Water may be used to keep fire exposed containers cool.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not spray near open flame. Keep at room temperature as exposure to direct sunlight or other heat may cause bursting.

SECTION 5 — REACTIVITY DATA

STABILITY: Stable: X Unstable:
CONDITIONS TO AVOID: Do not store above 120 F.
INCOMPATIBILITY (materials to avoid): NA
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: By open flame - carbon monoxide, carbon dioxide
HAZARDOUS POLYMERIZATION: May Occur: Will Not Occur: X
CONDITIONS TO AVOID: NA

SECTION 6 — HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? yes SKIN? yes INGESTION? yes
HEALTH HAZARDS (acute & chronic): see Signs and Symptoms
CARCINOGENICITY: NTP? NA
IARC MONOGRAPHS? NA
OSHA REGULATED? NA
SIGNS & SYMPTOMS OF EXPOSURE: In a confined area, vapors in high concentration are anesthetic. Irritant to skin and upper respiratory system. Over-exposure may result in light-headedness, staggering gait, giddiness and possible nausea. Contains petroleum distillates - harmful or fatal if swallowed. Reports have

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associated repeated and prolonged over-exposure to solvents with permanent brain and nervous system damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None established.

EMERGENCY AND FIRST AID PROCEDURES: Breathing - remove patient to fresh air. Eyes - flush with water for at least 15 minutes. Skin - Wash with soap and water. Swallowing - call physician immediately. **DO NOT** induce vomiting.

SECTION 7 — PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, ventilate, avoid breathing vapors and remove with inert absorbent.

WASTE DISPOSAL METHOD: Do not incinerate. Dispose in accordance with federal, state, and local regulations regarding pollution.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Do not store above 120 F. Keep at room temperature as exposure to direct sunlight or heat may cause bursting.

OTHER PRECAUTIONS: Keep away from children. Do not puncture or incinerate. Do not spray near fire or open flame.

SECTION 8 — CONTROL MEASURES

RESPIRATORY PROTECTION (specify type): Avoid breathing of vapor or spray mist.

VENTILATION:

LOCAL EXHAUST: Provide local exhaust ventilation in volume and pattern to keep TLV of most hazardous ingredients in Section 2 below acceptable limit.

MECHANICAL: NA

SPECIAL: NA

OTHER: NA

PROTECTIVE GLOVES: Recommended for prolonged or repeated contact

EYE PROTECTION: For prolonged use in close quarters, recommend safety glasses with unperforated shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK/HYGIENIC PRACTICES: None

SECTION 9 — SPECIAL PRECAUTIONS

The above information is believed to be correct with respect to the ingredients contained herein falling within the definition of hazardous chemicals in accordance with the Occupational Safety and Health Administration's Hazard Standard Communications Act. Data, standards and regulations change, and since conditions of use and handling are beyond control, no warranty, express or implied, is made as to the completeness upcoming accuracy of this information.

Pursuant to Proposition 65: Certain raw materials used in making this product may contain small amounts of materials as impurities which are regulated by Proposition 65, in the state of California.
