

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SPREADER 80 **03/01/99 P. 1**

MANUFACTURER: Manufactured by
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I. PRODUCT DESCRIPTION

Proprietary mixture of Alkylaryl polyoxyethylene glycols, isopropanol

II. HAZARDOUS INGREDIENTS

| <u>Chemical</u> | <u>CAS Number</u> | <u>RTEC</u> |
|-----------------|-------------------|-------------|
| Isopropanol | 67-63-0 | NT8050000 |

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

| | <u>Isopropyl Alcohol</u> | <u>Product as a Whole</u> |
|-----------------------|--------------------------|---------------------------|
| Boiling point - | 180°F | |
| Solubility in water - | Miscible | |
| Specific gravity | (H2O=1) - 0.79 | |
| Vapor pressure - | 33mmHg @68°F | |
| Flash Point | 53°F | >100°F |

IV. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITIES: Strong oxidizers
HAZARDOUS POLYMERIZATION: Will not occur.

V. FIRE AND EXPLOSION DATA

In case of fire involving this product: Keep unnecessary people away, isolate area and deny entry. Stay upwind. Keep out of low areas. Do not become a casualty.

- SPECIAL FIRE FIGHTING PROCEDURES:
- * Wear appropriate protective clothing and equipment
 - * Use water in flooding quantities.
 - * Solid streams of water may be ineffective.
 - * Contain spill and runoff to avoid environmental damage.
 - * Apply water from as far a distance as possible.

VI. PHYSIOLOGICAL & HEALTH EFFECTS

ACUTE EFFECTS OF OVEREXPOSURE:
This product may cause severe eye irritation, skin, respiratory and gastrointestinal irritation and central nervous system depression. Inhalation or ingestion may cause nausea, weakness, fatigue, headache and diarrhea.
CHRONIC HEALTH EFFECT: Prolonged and repeated contact to unprotected skin may result

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in dermatitis.
ADVISORY NOTE: A physician should be contacted if anyone develops any signs or symptoms and suspects that they are caused by exposure to this product.

VII. EMERGENCY AND FIRST AID PROCEDURES

- Swallowing** - Do not induce vomiting. Get medical attention immediately.
Skin - Flush affected area with water, followed by washing with soap and water until all material is removed. Obtain medical attention if irritation persists.
Inhalation - Remove from contaminated atmosphere. Give oxygen if available. Keep the affected person warm and at rest. If symptoms of respiratory discomfort persist, obtain medical attention.

VIII. ENVIRONMENTAL PROTECTION

ENVIRONMENTAL IMPACT: This product, when used as directed by the label, is not expected to have any significant impact on the environment.

PRECAUTIONS IF MATERIAL IS RELEASED OR SPILLED: Flush area with water to dilute to harmless solution.

WASTE DISPOSAL METHODS: Dispose of waste materials and containers according to local, state and federal regulations.

DISPOSAL PROCEDURES

IX. SPILL AND

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wear suitable protective equipment. Small spills: absorb liquid with absorbent material. Large spills: stop spill at source. Dike area of the spill to prevent spreading. Pump liquids into waste containers. Remaining liquids can be absorbed.

X. PROTECTIVE EQUIPMENT

EYES AND FACE: Employees should be provided with and required to use splash-proof safety goggles. Face shield is advised. Contact lenses should not be worn when working with this product.

CLOTHING: Prevent any possibility of skin contact. Wear impervious clothing.

GLOVES/BOOTS: Wear impervious gloves appropriate for the type of work being performed.

XI. HYGIENIC PRACTICES

It is advisable to wash chemicals from the skin promptly if skin becomes contaminated. Always wash before eating, smoking or using toilet facilities and at the end of each work shift. It is advisable to change clothing after work shift and wear clean clothing before reuse.

CAUTION: Keep out of reach of children. Read the container label. Follow all precautionary directions and restrictions. The information presented herein was compiled to comply with the federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice. All information appearing in this document was based on data provided by third party sources. Neither the manufacturer nor its agents assume liability for the use of this product or information since the conditions of use are beyond the control of the manufacturer and its agents.