

MATERIAL SAFETY DATA SHEET

MSDS L-143 REVISION 3

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SUBSTANCE IDENTIFICATION

SUBSTANCE: GERMICIDE SLURRY MIXTURE for BAR SOAP

TRADE NAMES/SYNONYMS: **GERMICIDE SLURRY - DIAL GOLD, UNIVERSAL**

CHEMICAL FAMILY: Mixture

I.D. NUMBERS: 901441

NFPA RATINGS (Scale 0-4, where 4=high degree of hazard): HEALTH=1 FLAMMABILITY=0 REACTIVITY=1
HMIS RATINGS (Scale 0-4, where 4=severe hazard): HEALTH=1 FLAMMABILITY=0 REACTIVITY=1

HAZARDOUS INGREDIENT INFORMATION

COMPONENT: PEG-6 METHYL ETHER CAS# 9004-74-4

COMPONENT: TRICLOCARBAN CAS# 101-20-2

Carcinogen status of components: Not listed as carcinogenic by NTP, IARC, or OSHA.

PHYSICAL AND CHEMICAL DATA

DESCRIPTION: White or beige liquid, mild waxy odor. SOLUBILITY IN WATER: Not determined.

SPECIFIC GRAVITY: 1.1-1.2 pH: 7.1-7.2

BOILING POINT: Decomposes.

FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION HAZARD - The fire hazard for this product has not been determined. The hazard(s) of the component(s) with the most severe hazard(s) is: Negligible fire hazard when exposed to heat or flame.

FIRE FIGHTING MEDIA - Dry chemical, carbon dioxide, water spray or regular foam.

FIRE FIGHTING - Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing vapors, keep upwind.

HEALTH HAZARD DATA

NOTE: The acute health effects described below are those, which could potentially occur for the mixture. They are based on the toxicology information available for the mixture and/or each hazardous ingredient, and are consistent with the mixture type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated.

ACUTE HEALTH EFFECTS:

- INHALATION:** Not an anticipated route of exposure given the physical properties of the mixture. Human health effects of gross overexposure by inhalation to triclocarban dusts may include mild and temporary upper respiratory irritation with cough and shortness of breath.
- SKIN CONTACT:** May cause irritation.
- EYE CONTACT:** May cause irritation.
- INGESTION:** May cause mild gastrointestinal irritation.

CHRONIC HEALTH EFFECTS: Chronic toxicity testing has not been conducted on this slurry. However, the following effects have been reported on a component of the slurry.

Triclocarban: In a lifetime feeding study in rats, daily doses of 75 mg/kg/day produced microscopic testicular degeneration and anemia.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Persons with pre-existing skin conditions may be more susceptible to the effects of this mixture.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove from exposure area to fresh air immediately. Keep affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center. If breathing has stopped, give artificial respiration, and get medical attention immediately.

SKIN CONTACT: Rinse affected area with soap and large amounts of water until no evidence of mixture remains. Get medical attention if irritation persists.

EYE CONTACT: Rinse eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of mixture remains. Get medical attention if pain or irritation persist.

INGESTION: Contact physician or poison control center. Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink.

REACTIVITY

REACTIVITY - Stable under normal temperatures and pressures.

INCOMPATIBILITIES: Strong mineral acids, oxidizing and reducing agents.

DECOMPOSITION - Thermal decomposition may release toxic and/or hazardous fumes and gases including smoke, hydrogen chloride, chloroanilines, carbon monoxide, carbon dioxide, and nitrogen oxide.

POLYMERIZATION - Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

STORAGE AND DISPOSAL

Store away from incompatible substances. Observe all federal, state and local regulations when storing or disposing of this substance.

CONDITIONS TO AVOID

Avoid contact with incompatible substances and excessive heat.

SPILL AND LEAK PROCEDURES

OCCUPATIONAL SPILL - Stop leak if you can do it without risk. For small spills, take up with sand or other absorbent material and place into clean, dry containers for later disposal. For larger spills, dike far ahead of spill for later disposal. Do not leave on floor - material makes it slippery. Keep unnecessary people away and isolate hazard area.

Because of potential for toxicity to aquatic organisms, wastes containing triclocarban should not be discharged to the environment without proper treatment. Municipal sewage treatment facilities provide adequate removal.

OCCUPATIONAL PROTECTIVE EQUIPMENT

VENTILATION - Provide local exhaust ventilation system to meet permissible exposure limits, where mists or dusts are likely to be generated.

RESPIRATOR - Air contamination monitoring should be carried out, where mists or dusts are likely to be generated, to assure that the employees are not exposed to harmful concentrations above the permissible exposure limits. If respiratory protection is required, it must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA).

FOR FIRE FIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS -

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

CLOTHING - Protective clothing is required where repeated or prolonged skin contact may occur.

GLOVES - Protective gloves should be worn during occupational use conditions where repeated or prolonged skin contact may occur.

EYE PROTECTION - Splash-proof safety glasses are required to prevent eye contact where splashing of material may occur.

REGULATORY INFORMATION

DOT FLAMMABILITY CLASSIFICATION: Not applicable.

EPA - SARA TITLE III Information: This mixture contains the following substance subject to the reporting requirements of Section 313:

Triethylene Glycol Methyl Ether CAS# 000112-35-6
Concentration: \cong 2.1%

TSCA: All components of this product are listed or are exempted or excluded from listing on the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory.

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, The Dial Corporation makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, The Dial Corporation will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either expressed or implied of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information set forth herein or to the product to which the information refers.

MSDS CREATION DATE: 04/18/95

SUPERCEDES: 12/22/99 Rev. 2

REVISION DATE: 10/28/04

REVISION: Updated ID Numbers, address information, Trade Name, Hazardous Ingredients, and Health Hazard Data sections.