

MAY 03 1995

AMERICAN SERVICES GROUP
2300 Warrenville Rd.,
Downers Grove, Illinois 60515

MATERIAL SAFETY DATA SHEET
(Complies with 29 CFR 1910.1200)
1/708/964-1300

FREEZER CLEANER

SECTION I

Product (Trade) Name - FREEZER KLENE
Distributor's Name - American Services Group,
Address - 2300 Warrenville Rd., Downers Grove, IL 60515
Emergency Telephone No - 1-708-964-1300
Chemical Name and Synonyms - Propylene Glycol
Chemical Family - N/A
Formula - N/A
DOT Hazard Class - Nonhazardous
DOT ID Number - None

SECTION II - HAZARDOUS INGREDIENTS

| Ingredient | C.A.S. No. | Wt. by % | OSHA PEL | TLV-TWA ACGIH | Other Limit | Listed As Carcinogenic By IARC, NTP OSHA, ACGIH |
|------------------|------------|----------|----------|---------------|-------------|---|
| | | | | | | |
| Propylene Glycol | 57-55-61 | 40 - 60% | N/E | N/E | N/E | NO |

In accordance with OSHA's Hazard Communication Standard, ingredients listed in this section are those identified as being hazardous and present at concentrations greater than 1%, or greater 0.1% if the substance is a listed carcinogen. Information concerning ingredients identified as "Proprietary" will be made available as provided in 29 CFR 1910.1200(i).

SECTION III - PHYSICAL DATA

Boiling Point (°F) - N/D
Vapor Pressure (mm hg) - N/D
Vapor Density (Air = 1) - N/D
pH of Concentrate - 9.8
Solubility in Water - Complete
Appearance and Odor - Clear light green liquid with mint odor.
Specific Gravity (H₂O = 1) - 1.04
% Volatile by Weight - N/D
Evaporation Rate - 1
pH Diluted for Use - N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag. Closed Tester): > 200°F
Flammable Limits: LEL N/A, UEL N/A

Extinguishing Media: Water
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION V - HEALTH HAZARD DATA

Primary Route(s) of Exposure: Skin, eye and respiratory contact.
Threshold Limit Value: N/D for mixture. See Section II for TLV of hazardous ingredients.
Effects of Overexposure:
- Acute: By Inhalation: - Possible respiratory irritation; repeated inhalation may cause sensitization in susceptible individuals.
By Eye Contact - Irritation
By Ingestion - Gastrointestinal irritation, nausea, vomiting.
By Skin Contact - May cause irritation, dermatitis.
- Chronic: Prolonged or repeated skin contact may cause irritation, dermatitis.
- Medical Conditions Generally Aggravated by Exposure: Pre-existing skin disorders.

Emergency and First Aid Procedures:

For Inhalation - Move to fresh air. If victim is not breathing, give artificial respiration and get medical attention.
For Eye Contact - Immediately flush with running water for 15 minutes, lifting upper and lower lids occasionally. Get medical attention if irritation persists.
For Ingestion - Promptly drink several glasses of water or milk. Call physician if irritation persists.
For Skin Contact - Immediately flush skin with water for at least 15 minutes. Remove contaminated clothing and laundry before use. If irritation persists, see a physician.

SECTION VI - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None known
Incompatibility (Materials to Avoid): Strong oxidizing materials.
Hazardous Decomposition Products: None known.
Hazardous Polymerization: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled: Add absorbent material and remove with shovel. Pick up smaller amounts with a mop and bucket and rinse away residues with water.
Waste Disposal Method: Small amounts may be flushed to sewer. Large amounts should be consigned away with water.
Hazardous Waste Classification: Non-hazardous.

Dispose of all waste in accordance with local, State and Federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

For Handling Product as Supplied:

Respiratory Protection - Normally not required.
Ventilation - Normal ventilation satisfactory.
Protective Gloves - NBR or rubber.
Eye Protection - Chemical splash goggles.
Other Protective Equipment - If splashing occurs when handling concentrate, wear impervious apron and/or clothing as required to avoid skin contact.

For Handling Product After Dilution For Use:

Respiratory Protection - Not normally needed.
Ventilation - Normal ventilation satisfactory.
Protective Gloves - NBR or rubber.
Eye Protection - Chemical splash goggles.
Other Protective Equipment - Not normally required.

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Keep containers closed and store in a cool, dry location.
Other Precautions: None.

Prepared By: Vincent Damle
Title: Vice President
Technical Services,
Commercial Products Division.

Date Prepared: 08/23/93