

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Distributor: Kaercher Residential Solutions, Inc.
Address: 5001 South Zuni Street, Unit B Littleton, CO 80120

Licensed by: Rosedale Corporation

Company Phone Number: (952) 888-0352
Chemical Emergency: (800) 424-9300

Product Class: Cationic/nonionic blend

Product Name: Pump Guard 9.558-998.0

Issue Date: 08-07-2008

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
Propylene Glycol	(CAS# 57-55-6)	26 %
Dipotassium Phosphate	(CAS# 7758-11-4)	2.6 %
Bitters	(CAS# 3734-33-6)	.01%
Pine oil	(CAS# 8002-09-3)	.1%
De-Ionized Water	(CAS# None)	71.29 %

Section 3: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

Appearance: Clear liquid, White color. Practically non-toxic. Mild skin and eye irritant. May cause diarrhea by oral ingestion.

Potential Health Effects:

Likely Routes of Exposure: skin contact, eye contact.

Skin: This product may cause slight irritation to the skin.

Eyes: This product may cause slight irritation to the eyes.

Inhalation: Mists and vapors can irritate the throat and respiratory tract.

Ingestion: Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

Chronic: None known.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This Material is NOT considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910. 1200).

Potential Environmental Effects: See Section 12 for more information).

Section 4: FIRST AID MEASURES

FOR EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

FOR SKIN: Flush skin with plenty of water. If irritation persists, get medical aid.

INHALATION: If symptoms are experienced, move victim to fresh air. If person is not breathing, give artificial respiration, preferably mouth-to-mouth if possible. Seek immediate medical advice.

IF INGESTED: Drink water to dilute.

Section 5: FIRE FIGHTING MEASURES

FLASH POINT: > 225° F COC

FLAMMABLE LIMITS: Lower: 2.6 Upper: 12.5

EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide, water fog.

FIRE FIGHTING EQUIPMENT & INSTRUCTIONS: Firefighters should wear full protective clothing including self-contained breathing apparatus.

Hazardous Combustion Products: Irritating gases or fumes may be released during a fire.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.

Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch or walk through spilled material.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Large Spills: Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas. Surfaces may become slippery after spillage.

Section 7: HANDLING AND STORAGE

Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing. Store between 50° and 100° F (10° and 40 degrees C).

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

Personal Protective Equipment:

Eyes/Face: Wear safety glasses; chemical goggles (if splashing is possible).

Skin: Wear suitable protective clothing. Use impervious gloves.

Respiratory: If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.

General Hygiene Considerations: Wash thoroughly after handling.

Have eye-wash facilities immediately available.

The following ingredients have established exposure guidelines: No ingredients listed.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (370°F)

SPECIFIC GRAVITY: 1.038

% VOLATILES BY WEIGHT: 0 %

VAPOR PRESSURE: 0.5mmHg/20°C

VAPOR DENSITY: Heavier than air

VOC Content: 0 %

pH: No Data

EVAPORATION RATE: Estimated slower than ethyl ether.

SOLUBILITY IN WATER: Complete

APPEARANCE: White Viscous Liquid

ODOR: Unscented

Section 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Keep away from strong oxidizing agents.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Upon decomposition, this product may yield oxides of nitrogen and ammonia.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11: TOXICOLOGY INFORMATION

ACUTE EFFECTS

Oral LD50: >10 g/kg
Dermal LD50: >2 g/kg
Inhalation: No data available
Eye: No data available
Skin: No data available
Sensitization: No data available

CHRONIC EFFECTS

Carcinogenicity: No ingredients listed as potential or known carcinogens by OSHA, IARC or NTP.
Mutagenicity: No data available
Reproductive Effect: No data available
Developmental Effects: No data available

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available.
Persistence/ Degradability: Biodegradable
Bioaccumulation/ Accumulation: No data available
Mobility in Environment: No data available

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Follow local, state and federal guidelines.

Section 14: TRANSPORTATION INFORMATION

US DOT (ground)
DOT Hazard Class: Not regulated
Proper Shipping Description: COMPOUNDS CLEANING LIQUIDS
Canadian TDG (ground): See US DOT
ICAO (air) See US DOT
IMDG (water) See US DOT

Section 15: REGULATORY INFORMATION**Inventories**

All components of this product are listed on the following inventories: U.S.A.(TSCA), Canada(DSL), Australia(AICS), Europe(EINECS/ELINCS/Polymer/NLP), Korea(ECL), China (IECSC).

There is no calculable reportable quantity (RQ) for this product.

WHMIS Classification: Not a controlled product.

Section 16: OTHER INFORMATION

HAZARD RATINGS	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	X	

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