

REINHART INSTITUTIONAL FOODS INC.
1500 St. James Street
LaCross, WI 54602-2859

MSDS

Material Safety Data Sheet

(Complies with 29 CFR 1910.1203)

Premium Rinse Additive

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SECTION I

Product (Trade) Name - **PREMIUM RINSE ADDITIVE**
 Manufacturer's Name - The ServiceMaster Company
 Address - One ServiceMaster Way; Downers Grove, IL 60515
 Emergency Telephone No - 800/535-5053
 Chemical Name and Synonyms - N/A
 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
Isopropyl Alcohol	67-63-0	1-5%	400 ppm	400 ppm	500 ppm	No
Dihexyl Sodium Sulfosuccinate	3006-15-3	1-2	N/E	N/E	N/E	No
Polyoxy Propylene Block Co-polymer	9003-11-8	20-30	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(f).

SECTION III - PHYSICAL DATA

Boiling Point (°F) - N/D
 Vapor Pressure (mm hg) - N/D
 Vapor Density (Air=1) - N/D
 pH of Concentrate - 3.5
 Solubility in Water - Complete
 Appearance and Odor - Clear dark blue liquid with general surfactant odor.

Specific Gravity (H₂O=1) - 1.103
 % 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): > 110°F
 Flammable Limits: LEL 2.0 UEL 12.7
 (For Alcohol)

Extinguishing Media: Water
 Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should always be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground, or may be moved by ventilation and ignited by pilot light, other flames, sparks, etc. at locations distant from material handling point.

SECTION V - HEALTH HAZARD DATA

Primary Route(s) of Exposure: Inhalation.
 Threshold Limit Value: N/D for mixture. See Section II for TLV of hazardous ingredients.
 Effects of Overexposure:
 - Acute: By Inhalation - Irritation of respiratory tract, nausea, dizziness, headache.
 By Eye Contact - Irritation.
 By Ingestion - Gastrointestinal irritation, cramps, vomiting, drowsiness, unconsciousness.
 By Skin Contact - May cause irritation.
 - Chronic: Irritation of respiratory tract, skin, eyes.
 - Medical Conditions Generally Aggravated by Exposure: Pre-existing skin or respiratory diseases.

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 launder before use. If irritation persists, see a physician.

SECTION VI - REACTIVITY DATA

Stability: Stable
 Conditions to Avoid: None known
 Incompatibility (Materials to Avoid): Chlorine bleaches or other active chlorine.
 Hazardous Decomposition Products: Exposure to fire or equivalent temperature may liberate carbon dioxide, carbon monoxide, organic acids and other unidentified products to thermal decomposition.
 Hazardous Polymerization: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps To Be Taken in Case Material is Released Or Spilled: For large spills, eliminate all possible sources of ignition first. Add absorbent material and remove with shovel. Pick up smaller amounts with a mop and bucket and rinse away residue with water.
 Waste Disposal Method: Dispose of large quantities as ignitable hazardous waste. Small amounts may be allowed to evaporate in an outdoor location, away from sources of ignition.
 Hazardous Waste Classification: D001
 Dispose of all waste in accordance with local, State and Federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

For Handling Product as Supplied:
 Respiratory Protection - If TLV is exceeded, use a NIOSH-approved respirator with cartridges for ammonia and organic vapors.
 Ventilation - Use with sufficient ventilation to maintain exposure below TLV.
 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 needed.

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken in Handling And Storing: Keep containers closed. Keep away from heat, sparks and open flames.
 Other Precautions: Empty container may be hazardous. Rinse thoroughly before disposal.

Prepared By: Vincent Damle
 Title: Vice President, Technical Services

Approved By:
 Title: Occupational Safety and Health Coordinator

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