

APR 11 1994

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

MSDS
MATERIAL SAFETY DATA SHEET
(Complies with 29 CFR 1910.1200)

84324 - 2/10 Pound Case

**POWDER
SILVER SOAK**

Page 1 of 1

SECTION I

Product (Trade) Name - **SILVER SOAK POWDER**
 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 - NON HAZARDOUS
 DOT ID Number - N/A

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
Nonylphenoxy poly ethyleneoxy ethanol	9016-45-9	8-11	N/E	N/E	N/E	No
Sodium sulfate	7757-82-6	80-90	*15 mg/m ³	*10mg/m ³	N/E	No

* Total dust 5mg/m³ (respirable dust)

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/A	Specific Gravity (H ₂ O=1)	- N/A 1.21 G/CC
Vapor Pressure (mm hg)	- N/A	% Volatile by Weight	- 0
Vapor Density (Air=1)	- N/A	Evaporation Rate	- N/A
pH Diluted for Use	- 10.4	Solubility in Water	- Soluble
Appearance and Odor	- Odorless blue-green powder.		

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag, Closed Tester): None
 Flammable Limits: LEL UEL
 N/A N/A

Extinguishing Media: Non-combustible. Use media appropriate to materials actually involved in fire.
Special Fire Fighting Procedures: Cool fire exposed containers with water until fire is out. Fire fighters should wear self contained breathing apparatus with full facepiece operated in pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: None known.

SECTION V -- HEALTH HAZARD DATA

Primary Route(s) of Exposure: Skin contact, ingestion.
Threshold Limit Value: N/D for mixture. See Section II for TLV of hazardous ingredients.
Effects of Overexposure:

- **Acute:** By Inhalation: - Possible respiratory irritation. Prolonged or repeated inhalation may cause varying degrees of respiratory irritation.
- By Eye Contact - With powder or dust - irritation.
- By Ingestion - Gastrointestinal irritation, nausea, vomiting. Large amounts may damage the gastrointestinal tract.
- By Skin Contact - May cause irritation, dermatitis.

- **Chronic:** Inhalation of dust, spray or mist may result in varying degrees of irritation or destruction of respiratory tract tissue. Chronic local effect (skin) may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.

- **Medical Conditions Generally Aggravated by Exposure:** Some pre-existing respiratory and skin diseases.

Emergency and First Aid Procedures:

- For Inhalation - Remove to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
- For Eye Contact - Flush with plenty of water for at least 15 minutes, while holding eyelids open. Washing eyes within one minute is essential to achieve maximum effectiveness. Get immediate medical attention.
- For Ingestion - If swallowed, Give 2-3 large glasses of water, or milk, if available, and induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of fluids into lungs. Get medical attention as soon as possible.
- For Skin Contact - Flush affected area with water. Remove contaminated clothing, and launder before reuse. Follow by washing with soap and water. If irritation persists, get medical attention.

SECTION VI -- REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Contact with strong acids.
Hazardous Decomposition Products: None known.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: None known.

SECTION VII -- SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled: Sweep and place in suitable container. Use protective equipment as directed in Section VIII.
Waste Disposal Method: Dispose of solid as hazardous waste. Consign to licensed waste hauler for disposal in landfill licensed to receive hazardous waste. Dispose of all waste in accordance with local, State and Federal regulations.
Hazardous Waste Classification: Non Hazardous.

SECTION VIII -- SPECIAL PROTECTION INFORMATION**For Handling Product as Supplied:**

- Respiratory Protection - Not normally required when used according to directions.
- Ventilation - Ventilate as needed to maintain dust level below TLV (Section II).
- Protective Gloves - NBR or PVC-coated gloves.
- Eye Protection - If splashing may occur wear chemical splash goggles.
- Other Protective Equipment - Impervious apron and/or clothing as needed to prevent skin contact.

SECTION IX -- SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store in a cool, dry area. Always wash thoroughly after handling.
Other Precautions: Do not touch face or eyes with hands or gloves that are contaminated.

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

Date Prepared: 03/16/94
 Replaces: 05/27/93

N/A - Not Applicable N/D - Not Determined N/E - Not Established