

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

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

84538 - 4/8 Pound Case

**POWER PLUS**

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**SECTION I**

Product (Trade) Name - **POWER PLUS**  
Manufacturer's Name - The ServiceMaster Company  
Address - One ServiceMaster Way, Downers Grove, IL 60515  
Emergency Telephone No. - 1-800-535-5053  
Chemical Name and Synonyms - N/A  
Chemical Family - N/A  
Formula - N/A  
DOT Hazard Class - Corrosive Material  
DOT ID Number - UN1823

**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
Sodium Hydroxide	1310-73-21	>1.0	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	None	No
Chlorinated Isocyanurates	51580-86-0	>1.0	1 ppm as Chlorine	3mg/m <sup>3</sup>	None	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 than 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:	N/A	Specific Gravity (H <sub>2</sub> O=1):	N/A
Vapor Pressure (mm hg):	N/A	Percent Volatile by Weight:	0%
Vapor Density (Air=1):	N/A	Evaporation Rate:	0
Solubility in Water:	Soluble	(Water=1)	
Appearance and Odor:	White Crystalline Powder with Slight Chlorine Odor	pH Diluted for Use:	14.0
pH of Concentrate:	N/A		

**SECTION IV -- FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Tag. Closed Tester): N/A  
Flammable Limits: LEL N/A UEL N/A

Extinguishing Media: Water  
Special Fire Fighting Procedures: Flood with water  
Unusual Fire and Explosion Hazards: Prolonged contact with flammable material may cause fire

**SECTION V -- HEALTH HAZARD DATA**

Primary Route(s) of Exposure: Skin Contact  
Threshold Limit Value: N/D. See Section II for TLV of Hazardous Ingredient  
Effects of Overexposure

- Acute:
  - By Inhalation: Irritation to nose and throat
  - By Eye Contact: Can cause irreversible eye damage
  - By Ingestion: Can cause burns to skin
  - By Skin Contact: May be fatal if swallowed
- Chronic: Inhalation of dust, spray or mist may result in varying degrees of irritation or destruction of respiratory tract tissues.
- Medical Conditions Generally Aggravated by Exposure: Some pre-existing respiratory or skin disorders

**Emergency and First Aid Procedures:**

- For Inhalation - Move away from contaminated environment. If irritation persists, get medical attention.
- For Eye Contact - Flush immediately and continuously with water for 15 minutes, holding eye lids apart to ensure flushing of entire eye surface. Seek medical attention.
- For Ingestion - DO NOT induce vomiting. Give large quantities of water. If available, give several glasses of milk. Get medical attention immediately.
- For Skin Contact - Wash with plenty of water. Remove contaminated clothing and launder before re-use. If irritation persists, seek medical attention.

**SECTION VI -- REACTIVITY DATA**

Stability: Stable  
Conditions to Avoid: None known  
Incompatibility (Materials to Avoid): Avoid prolonged contact of powder with organic material and acid type chemicals.  
Hazardous Decomposition Products: Combustion may release chlorine and other toxic gases.  
Hazardous Polymerization: Will not occur

**SECTION VII -- SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled: Sweep up dry material -- Flush away residue with water. Use protective gear.

Waste Disposal Method: Dispose of all waste in accordance with local, State and Federal regulations.

Hazardous Waste Classification: D002

**SECTION VIII -- SPECIAL PROTECTION INFORMATION**

**For Handling Product as Supplied:**

- Respiratory Protection - Not normally needed. If dusting causes irritation, a NIOSH approved dust mask is recommended.
- Ventilation - Normal ventilation is satisfactory.
- Protective Gloves - PVC or NBR
- Eye Protection - Chemical splash goggles
- Other Protective Equipment - Impervious clothing with long sleeves

**For Handling Product After Dilution For Use:**

- Respiratory Protection - Not normally needed. If dusting causes irritation, a NIOSH approved dust mask is recommended.
- Ventilation - Normal ventilation is satisfactory.
- Protective Gloves - PVC or NBR
- Eye Protection - Chemical splash goggles
- Other Protective Equipment - Impervious clothing with long sleeves

**SECTION IX -- SPECIAL PRECAUTIONS**

Precautions to be taken in handling and storing: Store in a cool, dry location away from other chemicals (acid type)  
Other precautions: None

**SECTION X -- ADDITIONAL INFORMATION**

None

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