

Eagle Power Products

Material Safety Data Sheet

Eagle Power Products

Address: 1174 Northland Dr. Mendota Heights, MN 55120

General Information Number: 651-686-5399

Revision Date: October 7, 2003

Date of Issue: February 18, 2004

Product Code: 0210

Chemical Formulation: Powdered glass cleaner

NFPA Hazard Identification: Health – 2 Flammability – 0 Reactivity – 0

Hazard Rating: 4 – Extreme 3 – High 2 – Moderate 1 – Slight 0 – Insignificant

II. Hazardous Ingredients / Identity Information

Substance	Approx. %	OSHA			ACGIH			EPA 40 CFR:			CAS#
		PEL	TLV		TLV			302	355	372	
Sodium Sulfate	30.0-40.0	N/E	N/E		N/E		N	N	N	7757-82-6	
Sulfamic acid	15.0-25.0	N/E	N/E		N/E		N	N	N	5329-14-6	
Crystalline silica (respirable fraction)	15.0-25.0			(0.1 mg/m3)	(0.1 mg/m3)		N	N	N	14808-60-7	
Oxalic acid	10.0-20.0			1 mg/m3	1mg/m3		N	N	N	144-62-7	
Diatomaceous Earth	1.0-10.0			6 mg/m3	10 mg/m3		N	N	N	68855-54-9	

Key:

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

C: Ceiling level

STEL: Short Term Exposure Limit

N/A: Not Applicable

N/D Not Determined

N/E: Not Established

Y: Yes

N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

355: SARA Title III / List of Extremely Hazardous Substances for Planning and Notification (40 CFR 355).

372: SARA Title III / list of toxic chemicals subject to release reporting (community Right to Know) (40 CFR 372).

III. Physical Data

Boiling Point F: N/A

Vapor Pressure (mm Hg): N/A

Vapor Density (air = 1): N/A

V.O.C. Content (% by water): N/A

Solubility in Water: Complete

Appearance and Odor: Free flowing off white powder, no odor.

Specific Gravity (H2O=1): N/A

Evaporation Rate (water = 1): N/A

PH: N/D

IV. Fire and Explosion Hazard Data

Flash point: N.A. (test method): Closed Cup

Flammable limits in air by volume: Lower: N/A Upper: N/A

Extinguishing Media: Water, foam, carbon dioxide, dry chemical

Special Fire Fighting Procedures: Cool fire exposed containers with water fog.

Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Foam or water may cause frothing. Emits highly toxic and irritating fumes in a fire. Closed containers exposed to heat may explode.

V. Reactivity Data

Stability: Stable

Conditions to Avoid: Extreme heat and aluminum

Incompatibility: Strong oxidizers and alkali, nitrates, nitrites, carbonates, sulfides, cyanides, sodium oxide, sulfur oxides.

Hazardous Decomposition Products: Thermal decomposition may produce oxides of sulfur, nitrogen, ammonia & formic acid.

Hazardous Polymerization: Will not occur

VI. Health Hazard Data

Routes of Entry: Inhalation: X Eye Contact: X Skin Contact: X

Ingestion: X

Ingredients that are considered by OSHA, NTP, IARC to be suspected human carcinogens: Crystalline silica (CAS #14804-60-7)

Effects of Overexposure:

Eye: Severe irritation and burns. Permanent damage may result

Skin: Moderate to severe irritation. Prolonged skin contact may cause burns.

Ingestion: Nausea, vomiting, May be harmful if swallowed

Inhalation: Extremely harmful to mucous membranes and upper respiratory tract.

Respirable crystalline silica can cause silicosis.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes, If irritation persists, obtain medical attention.

Skin: Flush with water for 15 minutes while removing contaminated clothing.

Laundry clothing separately before reuse. If irritation persists, obtain medical attention.

Ingestion: Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water. Do not induce vomiting unless instructed by a physician or poison control center. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen.

VII. Spill or Leak Protection

Steps to be taken in case material is released or spilled: Ventilate area and remove all sources of ignition. Scoop up spilled material, avoid generation of dust, and place in a properly marked closed container for proper disposal

Waste Disposal Method: Consult local environmental authorities.

VIII. Special Protection Information

Respiratory Protection: Use with adequate ventilation. Do not breathe dust. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

Ventilation: Local: Recommended Mechanical: Not required

Protective Gloves: Chemical resistant.

Eye Protection: Safety glasses or goggles.

Other protective equipment: Eye wash station

Precautions to be taken in handling and storage: Store in cool, dry place away from heat or open flames. Keep container tightly closed when not in use.

Other Precautions: Keep out of reach of children.

IX. Transportation Information (ground transportation only)

DOT Proper Shipping Name: Consumer Commodity

DOT Class: ORM – D

DOT ID Number: none

DOT Packing Group: None

The shipping information listed above applies only to non-bulk (<119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties and mode of shipping. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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