

Product and Manufacturer Identification

Product Name: Formula MS-2
Product Use: 1. Added to powdered Wall Detergent to boost cleaning power @ 3 oz./ gal.
 2. Used alone to prepare painted walls for repainting @ 6 to 9 oz./ gal.
Manufacturer: Von Schrader Company
 1600 Junction Avenue
 Racine, WI 53403
 (262) 634-1956

Composition/ Information On Ingredients

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Weight %</u>
NJ TSRN 8010033401-5440p		72-76
NJ TSRN 8010033401-5250p		19-23
NJ TSRN 8010033401-5210p		3-5

Hazard Identification

Emergency Overview: Warning! Harmful, corrosive irritant. KEEP OUT OF THE REACH OF CHILDREN
Potential Health Hazards:
SKIN: Corrosive. Causes skin burns.
EYES: Corrosive. Causes eye burns.
INHALATION: Dust corrosive to respiratory tract.
INGESTION: Corrosive. Causes burns to mouth, esophagus and stomach.

First Aid Measures

SKIN: Rinse with running water for at least 15 minutes. If irritation persists get medical attention.
EYES: Rinse with running water for at least 15 minutes. Get medical attention.
INHALATION: Remove to fresh air. Get medical attention.
INGESTION: DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious give a cup full of water. Never give anything by mouth to an unconscious person.

Fire Fighting Measure

Flammable Properties:
FLASH POINT: This material is noncombustible.
Extinguishing Media: This material is compatible with all extinguishing media.
Unusual Fire And Explosion Hazards: None unusual. See **Potential Health Hazards** under **Hazard Identification**.
Special Fire Fighting Procedures: Chemical goggles, chemical resistant gloves and boots, as well as body covering protective clothing.

Accidental Release Measures

Spill And Leak Procedures: (See **Exposure Controls** section for recommended personal protection equipment.) Stay upwind and ventilate closed spaces before entering. Cover powder spill with plastic sheet or tarp to minimize spreading. With minimum dusting, shovel into an empty container with a cover. Prevent material from entering waterways.

Handling And Storage

Handling Procedures: Avoid contact with eyes and skin. Avoid breathing dust.
Storage Procedures: Avoid dispersion of dust in the air. Store in a cool, dry, well-ventilated area.

Exposure Controls/ Personal Protection

<u>Exposure Guidelines</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Ingredient name None			
Engineering Controls:	Local exhaust if dusty conditions exist or if in enclosed spaces.		
Personal Protective Equipment:			
Skin Protection:	For handling dry material, wear impervious gloves and full work clothing, including long sleeved shirt and trousers.		
Eye Protection:	Wear chemical goggles.		
Respiratory Protection:	Where required, use a NIOSH-approved respirator for dust.		
Additional Recommendations:	No special recommendations under normal use conditions.		

Physical And Chemical Properties

Appearance: Granular, white powder
Odor: Odorless
pH: 5 % solution =12
Specific Gravity: 0.6-g/ ml
Water Solubility: 36 %
% Volatiles: <2 %
Vapor Pressure: None
Vapor Density: Not applicable
Evaporation Rate: Not applicable

Material Safety Data Sheet

Stability And Reactivity

Chemical Stability: Stable under normally conditions.
Incompatibility: This product may react with acid.
Hazardous Decomposition: None known
Hazardous Polymerization: Will not occur

Toxicological Information

Immediate (Acute) Effects: LD₅₀ (oral, mouse)= 770 mg/ kg
 250 mg/ 24 hours= severe skin irritation
Delayed (Sub-chronic And Chronic) Effects: None known.

Ecological Information

Ecotoxicological Information: Due to pH, this material exhibits moderate toxicity to aquatic organisms.
Environmental Fate: This product is mostly inorganic and not subject to biodegradation.

Disposal Considerations

This material is not a hazardous waste defined by the U.S. Resource, Conservation and Recovery Act (RCRA), 40 CFR 261; however, only dispose of in accordance with applicable Federal, State and Local regulations.

Transportation Information

DOT and TDG Classification:
Proper Shipping Name: ORM-D (Consumer Commodity)

Regulatory Information

Inventory Status
 USA (TSCA) Listed
 Canada (DSL) Listed
 Europe (EINECS/ ELINCS) Listed
 Japan (ENCS) Listed

Additional Information
 WHMIS Classification: E
 SARA Title III: Not applicable
 CERCLA Reportable Quantities: Not applicable
 California Proposition 65: This product is not subject to the reporting requirements.

Other Information

HAZARD RATING	HMIS	NFPA
Health	3	3
Flammability	0	0
Reactivity	0	0
PPE	E	

This product is a commercial cleaning and deodorizing chemical.

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