

Product and Manufacturer Identification

Product Name: Rust Remover
Product Use: Professional Spot Removal
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>
Water	7732-18-5	>90
Oxalic acid	144-62-7	<10

Hazard Identification

Emergency Overview: Corrosive, harmful, irritant.
Potential Health Hazards:
SKIN: Can cause severe irritation, possible skin burns.
EYES: Irritant may produce corrosive effects.
INHALATION: Can cause severe irritation and burns of nose, throat and respiratory tract.
INGESTION: Toxic. May cause burns, nausea, severe gastroenteritis and vomiting, shock and convulsions.

First Aid Measures

SKIN: Remove contaminated clothing. Thoroughly wash exposed area with soap and water. Consult physician if irritation persists.
EYES: Immediately flush with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call physician immediately.
INHALATION: Remove to fresh air. If symptoms persist or are severe seek prompt medical assistance.
INGESTION: Rinse mouth with water. If patient is fully conscious give 1 to 2 glasses of milk. DO NOT INDUCE VOMITING. Get medical attention immediately.

Fire Fighting Measure

Flammable Properties:
FLASH POINT: Noncombustible
Extinguishing Media: Use extinguishing media appropriate for material in surrounding fire.
Unusual Fire And Explosion Hazards: See Stability and Reactivity Section
Special Fire Fighting Procedures: Use NIOSH/ MSHA approved self-contained positive pressure breathing apparatus and protective clothing where this material is involved in a fire.

Accidental Release Measures

Spill And Leak Procedures: (See **Exposure Controls** section for recommended personal protection equipment.) Absorb with an inert absorbent. Shovel up into an appropriate container. Use a water rinse for the final clean up.

Handling And Storage

Handling Procedures: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage Procedures: KEEP OUT OF REACH OF CHILDREN. Keep container tightly closed, and protect from freezing.

Exposure Controls/ Personal Protection

<u>Exposure Guidelines</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>Other Limit</u>
Ingredient name Oxalic acid	1 mg/ m ³	1 mg/ m ³	
Engineering Controls:	Use general ventilation. Dilution ventilation is necessary for enclosed spaces.		
Personal Protective Equipment:			
Skin Protection:	Chemical resistant gloves.		
Eye Protection:	Chemical splash goggles.		
Respiratory Protection:	Not required under normal use with adequate ventilation. If excessive mists or dust expected without proper ventilation use a NIOSH approved respirator for acids.		

Physical And Chemical Properties

Appearance: Clear and colorless liquid
Odor: Low odor
pH: Less than 1
Specific Gravity: 1.04-grams/ milliliter
Water Solubility: Complete
% Volatiles: > 90%
Vapor Pressure: Same as water
Vapor Density: 0.6 (Air=1)
Evaporation Rate: Estimated slower than ethyl ether.

Stability And Reactivity

Chemical Stability: Stable
Incompatibility: Chlorine bleach and strong oxidizers.
Hazardous Decomposition: Possible formic acid, and oxides of carbon
Hazardous Polymerization: Will not occur.

Toxicological Information

Immediate (Acute) Effects: Product is corrosive to the skin and eyes.
 LD50 (oral, rat)= 50-500 mg/ kg
Delayed (Sub chronic And Chronic) Effects: None known.

Ecological Information

Ecotoxicological Information: No data.
Environmental Fate: Biodegradable

Disposal Considerations

Only dispose of in accordance with applicable Federal, State and Local regulations.

Transportation Information

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

Regulatory Information

Inventory Status

USA (TSCA)	Listed
Canada (DSL)	Listed
Europe (EINECS/ ELINCS)	Listed
Japan (ENCS)	Listed
Australia (AICS)	Listed
Korea (ECL)	Listed
Philippines (PICCS)	Listed
China	Listed

Additional Information

WHMIS Classification: B2, D2B
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	2	2
Flammability	0	0
Reactivity	0	0
PPE	B	

This product is a commercial cleaning and deodorizing chemical.

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