

Section 1 - Identification	
1.1 Product/Chemical Name:	Rust Remover for Concrete
1.2 General Use:	Remove rust (iron) stains from concrete
1.3 Manufacturer:	Singerman Laboratories
Manufacturer Address:	4091 Saltsburg Rd., Murrysville, PA 15668
Manufacturer Phone:	412-798-0447
1.4 Emergency Contact:	Singerman Labs 412-302-5936
Section 2 - Hazard(s) Identification	
2.1 Classification of the substance or mixture:	Not classified; non-hazardous product
2.2 GHS (Globally Harmonized System) Label Elements, including precautionary statements	
Hazard Pictograms(s):	Not required
Signal Word:	Not required
General Precautions:	Read instructions and Safety Data Sheet before using.
Hazards not otherwise classified (HNOC) or not covered by GHS:	Keep away from children. Wear protective gloves and safety glasses.
Section 3 - Composition/Information on Ingredients	
3.1 Substances	Proprietary product mixture; no CAS number.
Section 4 - First-Aid Measures	
4.1 Description of First Aid Measures	
Inhalation:	Use breathing mask when using this product.
Eye Contact:	Considered an irritant. In case of eye contact, immediately flush eyes with water for 15 minutes. Seek medical attention immediately. Provide medical personnel with a copy of this Safety Data Sheet.
Skin Contact:	Considered an irritant. Immediately wash skin with soap and water. Remove contaminated clothing; wash before reuse. Wear rubber gloves.
Ingestion:	If swallowed, wash out mouth with water. Seek medical help immediately. Provide medical personnel with copy of this Safety Data Sheet.
4.2 Most Important Symptoms and Effects, both acute and delayed:	Eye contact: pain, watering, redness; Skin contact: pain or irritation; Ingestion: may include stomach pains.
4.3 After first aid, get appropriate in-plant, paramedic, or community medical support.	
Section 5 - Fire-Fighting Measures	
5.1 Extinguishing Media:	Will not burn. Use extinguishing agent suitable for any surrounding fire.
5.2 Special Hazards Arising from the Substance or Mixture:	None likely
5.3 Advice for Firefighters:	Use usual clothing and equipment for fighting surrounding fire.
Section 6 - Accidental Release Measures	
6.1 Personal Precautions, Protective Equipment and Emergency Procedures:	Only properly protected personnel should remain in the spill area. Stop or reduce discharge if it can be done safely.
6.2 Environmental Precautions:	No special environmental precautions required.
6.3 Methods and Material for Containment and Cleaning up:	Scrape up spill into a suitable container for disposal. Wash area with water.
6.4 Reference to Other Sections:	Sections 1, 2, 4, 8, 10, 11 and 13

Section 7 - Handling and Storage	
7.1 Precautions for Safe Handling:	Wear gloves and protective glasses. Do not add any other chemicals to this product.
7.2 Conditions for Safe Storage, Including any Incompatibilities:	Keep container tightly closed. Store at normal room temperature or cooler in a well ventilated place.
7.3 Specific End Use(s):	Remove iron stains (rust) from concrete.
Section 8 - Exposure Controls/Personal Protection	
8.1 Control Parameters:	Normal room temperature and ventilation is usually adequate under normal use.
8.2 Exposure Controls:	
Respiratory Protection:	Use breathing mask.
Hand Protection:	Wear gloves.
Eye Protection:	Wear protective glasses with side shields.
Other Protective Clothing/Equipment:	Wear appropriate protective clothing to prevent skin exposure.
Comments:	Wash hands after using this product.
Section 9 - Physical and Chemical Properties	
9.1 Information on Basic Physical and Chemical Properties:	
Appearance:	Colorless to light yellow powder.
Odor/Threshold:	Slight sulfurous odor.
pH:	7
Melting Point/Freezing Point:	Greater than 300 C (decomposes)/freezing point unknown
Low/High Boiling Point:	N/A. (N/A = not applicable)
Flash Point:	N/A
Evaporation Rate:	N/D (N/D = not determined)
Flammability:	Not combustable
UEL/LEL:	Not flammable or explosive
Vapor Pressure:	N/D
Vapor Density (Air = 1):	N/A
Specific Gravity (H₂O=1, at 4°C.):	N/D
Water Solubility:	Partially soluble
Partition Coefficient:	N/A
Auto-ignition Temperature:	Does not self ignite
Decomposition Temperature:	N/D
Viscosity:	N/A
% Volatile:	0 at room temperature
Section 10 - Stability and Reactivity	
10.1 Reactivity:	No hazardous reactions if stored and handled as prescribed herein.
10.2 Chemical Stability:	Stable under normal temperatures and pressures.
10.3 Possibility of Hazardous Reactions:	In contact with strong acids, liberates toxic gas (sulfur oxides).
10.4 Conditions to Avoid:	Avoid contact with acids; do not store in open containers; do not heat.
10.5 Incompatible Materials:	Should not be exposed to strong oxidizers, such as clorox (sodium hypochlorite).
10.6 Hazardous Decomposition Products:	Sulfur oxides when exposed to strong acids.

Section 11 - Toxicological Information	
11.1 Information on Toxicological Effects:	
Skin Corrosion/Irritation:	Can cause skin irritation for some people. Wash product off skin with soap and water.
Serious Eye Damage/Irritation:	Can cause eye irritation. Wash out of eyes with copious amounts of water. Seek medical help. Take this SDS sheet to medical personnel.
Respiratory/Skin Sensitization:	Respiratory , N/D; Skin : wash off with soap and water.
Germ Cell Mutagenicity:	N/D
Carcinogenicity:	Neither this product nor its components are listed as carcinogens by ACGTH, IACC, NTP or CA Prop 65.
Reproductive Toxicity:	N/D
Specific Target Organ Toxicity - Single Exposure:	N/D
Specific Target Organ Toxicity - Repeated Exposure:	N/D
Aspiration Hazard:	N/D
Acute Toxicity (Calculated):	N/D
Chronic Exposure:	N/D
Potential health Effects -	N/D
Section 12 - Ecological Information	
12.1 Toxicity:	Not toxic unless exposed to strong acids which release toxic sulfur oxides.
12.2 Persistence and Degradability:	N/D
12.3 Bioaccumulative Potential:	N/D
12.4 Mobility in Soil:	N/D
12.5 Results of PBT and vPvB Assessment:	N/A
12.6 Other Adverse Effects:	Unknown
Section 13 - Disposal Considerations	
13.1 Waste Treatment Methods:	Dispose of in a manner pursuant to Federal, State and local regulations
Section 14 - Transport Information	
14.1 UN Number:	None
14.2 UN Proper Shipping Name:	None
14.3 Transport Hazard class(es):	Non-hazardous. Not regulated by DOT, IATA or IMDG.
14.4 Packing Group:	N/A
14.5 Environmental Hazards:	None known
14.6 Special Precautions for User:	Follow advice in this Safety Data Sheet.
14.7 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code:	N/A

Section 15 - Regulatory Information	
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15.1 Safety Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:	
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In the United States (EPA Regulations):	
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TSCA Inventory Status (40 CFR710):	All components of this formulation are listed in the TSCA inventory.
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SARA 302 Components:	No chemicals in this product are subject to reporting requirements.
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SARA 313 Components:	This material does not contain any components with known CAS numbers that exceed the threshold reporting levels.
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SARA 311/312 Components:	The components of this product do not contain hazardous chemicals that require reporting under SARA 311/312.
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SARA 311/312 Hazards:	None
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California Proposition 65:	Not a carcinogen
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15.2 Chemical Safety Assessment:	Non-hazardous
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Section 16 - Other Information	
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<p>To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. The information given is designed only as a guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.</p>
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