



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Revision date 16-Jul-2025

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** RUST AID Bathroom Rust Remover

### Other means of identification

**Product Code(s)** WMRA405A.1RAB

**Synonyms** ERAB330, GRAB335

### Recommended use of the chemical and restrictions on use

**Recommended use** Consumer use Rust Stain Remover for Bathrooms

**Restrictions on use** No information available

### Supplier

W.M. Barr & Company, Inc.  
2105 Channel Ave.  
Memphis, TN 38113  
United States  
Phone: +1-800-398-3892  
24-Hour Emergency: +1-800-451-8346  
Email: regulatory@wmbarr.com

## 2. Hazard(s) identification

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Corrosive to metals	Category 1

### Hazards not otherwise classified (HNOC)

Not applicable

### Label elements

#### Warning

#### Hazard statements

Causes skin irritation  
Causes serious eye irritation  
May be corrosive to metals



**Appearance** Clear **Physical state** Liquid **Odor** No information available

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Keep only in original packaging  
 Wear protective gloves, eye protection and face protection

**Precautionary Statements - Response**

Specific treatment (see additional instructions on this label)  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of water and soap  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash it before reuse  
 Absorb spillage to prevent material damage

**Precautionary Statements - Storage**

Store in corrosive resistant container with a resistant inner liner

**Other information**

Effects from hydrofluoric acid contact may not be readily apparent (delayed).

**3. Composition/information on ingredients**

**Substance**

Not applicable.

**Mixture**

Chemical name	CAS No.	Weight-%	Trade secret
Oxalic acid { Ethanedioic acid}	144-62-7	5-10	*
Hydrogen fluoride { Hydrofluoric acid; Fluoric acid}	7664-39-3	0.1-0.5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First-aid measures**

**Description of first aid measures**

**General advice** Show this safety data sheet to the doctor in attendance.

**Inhalation** Remove to fresh air. Get medical attention immediately if symptoms occur.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice.

<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If swallowed, call a poison control center or physician immediately.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed**

**Symptoms** May cause redness and tearing of the eyes. Erythema (skin redness).

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Symptoms may be delayed.

**5. Fire-fighting measures**

<b>Explosive properties</b>	Not applicable
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Hazardous combustion products</b>	Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide. Fluorinated oxides. Hydrogen fluoride.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b>Special protective equipment and precautions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.
<b>Other information</b>	Refer to protective measures listed in Sections 7 and 8.
<b>For emergency responders</b>	Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Stay upwind. Wear protective equipment and clothing to prevent skin and eye contact and inhalation of vapors.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** You may dilute and suppress vapors with a water fog. Neutralize product with lime. Collect material for proper disposal. Prevent runoff to sewers and bodies of water.

**7. Handling and storage**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Store locked up. Keep out of the reach of children. Keep/store only in original container.

**8. Exposure controls/personal protection**

**Working area parameters, subject to mandatory control (MAC or TSEL)**

**Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Oxalic acid { Ethanedioic acid} 144-62-7	TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 1 mg/m <sup>3</sup> (vacated) STEL: 2 mg/m <sup>3</sup>	IDLH: 500 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>
Hydrogen fluoride { Hydrofluoric acid; Flouric acid} 7664-39-3	TWA: 0.5 ppm F Sk* Ceiling: 2 ppm F	TWA: 3 ppm F (vacated) TWA: 3 ppm F (vacated) STEL: 6 ppm F	IDLH: 30 ppm Ceiling: 6 ppm 15 min Ceiling: 5 mg/m <sup>3</sup> 15 min TWA: 3 ppm TWA: 2.5 mg/m <sup>3</sup>

**Biological occupational exposure limits**

Chemical name	ACGIH
Hydrogen fluoride { Hydrofluoric acid; Flouric acid} 7664-39-3	2 mg/L - urine (Fluoride) - prior to shift 3 mg/L - urine (Fluoride) - end of shift

**Appropriate engineering controls**

**Engineering controls** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use only with adequate ventilation to prevent buildup of vapors. Open windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Have a source of clean water available for immediate flushing of the eyes. If splashes are likely to occur, wear safety glasses with side-shields.

**Hand protection** Gloves contaminated with product should be discarded. Wear suitable gloves. Impervious gloves.

<b>Skin and body protection</b>	Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Wear suitable protective clothing. Long sleeved clothing.
<b>Respiratory protection</b>	When used as directed, respiratory equipment should not be needed. Use with adequate ventilation. Wear NIOSH approved respiratory protective equipment when vapor or mists may exceed applicable concentration limits.
<b>General hygiene considerations</b>	Clothing that becomes soiled with product should be removed as soon as possible and laundered separately. Discard any clothing or other protective equipment that cannot be decontaminated. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing.

**9. Physical and chemical properties**

Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear
<b>Color</b>	green
<b>Odor</b>	No information available
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	< 1	None known
<b>pH (as aqueous solution)</b>		None known
<b>Melting point / freezing point</b>	0 °C / 32 °F	None known
<b>Initial boiling point and boiling range</b>	>= 100 °C / 212 °F	None known
<b>Flash point</b>	No data available	None known
<b>Evaporation rate</b>	< 1	None known
<b>Flammability</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	<1 mmHg	None known
<b>Relative vapor density</b>	No data available	None known
<b>Relative density</b>	1.03	None known
<b>Water solubility</b>	Soluble in water	None known
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>		None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known

Other information

<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	No information available
<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC content</b>	0%
<b>Liquid Density</b>	8.58 lb/gal
<b>Bulk density</b>	No information available

**10. Stability and reactivity**

**Reactivity** Not applicable.

**Chemical stability** Stable under normal conditions.

**Possibility of hazardous reactions** None under normal processing.

**Conditions to avoid** Exposure to air or moisture over prolonged periods.

**Incompatible materials** Alkalis, silver compounds, strong oxidizers, strong bases, strong acids, oleum, cyanides, sulfides, carbonates, active metals. Oxidizing agent. Strong acids. Strong bases.

**Hazardous decomposition products** Carbon oxides. Hydrogen fluoride. Fluorinated oxides.

**11. Toxicological information**

Information on likely routes of exposure

**Product Information**

**Inhalation** Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

**Eye contact** Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

**Skin contact** Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** May cause redness and tearing of the eyes. Erythema (skin redness).

Acute toxicity

**Numerical measures of toxicity**

The following ATE values have been calculated for the mixture

ATEmix (oral) 2841 mg/kg  
 ATEmix (dermal) 5102 mg/kg  
 ATEmix (inhalation-vapor) 510

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Oxalic acid { Ethanedioic acid} 144-62-7	= 375 mg/kg ( Rat )	= 20000 mg/kg ( Rat )	-
Hydrogen fluoride { Hydrofluoric acid; Flouric acid} 7664-39-3	-	-	= 0.79 mg/L ( Rat ) 1 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Target organ effects</b>	Respiratory system, Eyes, Skin.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Other adverse effects</b>	Based on available data, the classification criteria are not met.
<b>Interactive effects</b>	Based on available data, the classification criteria are not met.

**12. Ecological information**

**Ecotoxicity** Not expected to be harmful to aquatic organisms.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Oxalic acid { Ethanedioic acid} 144-62-7	-	-	-	EC50: 125 - 150mg/L (48h, Daphnia magna)
Hydrogen fluoride { Hydrofluoric acid; Flouric acid} 7664-39-3	-	-	-	EC50: =270mg/L (48h, Daphnia species)

**Persistence and degradability** No information available.

**Bioaccumulation**

**Component Information**

Chemical name	Partition coefficient
Oxalic acid { Ethanedioic acid} 144-62-7	-1.7

Hydrogen fluoride { Hydrofluoric acid; Fluoric acid} 7664-39-3	-1.4
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**Other adverse effects** No information available.

### 13. Disposal considerations

**Disposal methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**California Hazardous Waste Status** This product contains one or more substances that are listed with the State of California as a hazardous waste.

### 14. Transport information

**DOT**

The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

**UN number or ID number** UN1760  
**Proper shipping name** Corrosive liquids, n.o.s.  
**Transport hazard class(es)** 8  
**Packing group** III  
**Special Provisions** IB3, T7, TP1, TP28  
**DOT Marine Pollutant** Not applicable  
**Description** UN1760, Corrosive liquids, n.o.s. (Oxalic Acid, Hydrofluoric Acid), 8, III

**IATA**

**UN number or ID number** UN1760  
**UN proper shipping name** Corrosive liquid, n.o.s.  
**Transport hazard class(es)** 8  
**Packing group** III  
**Description** UN1760, Corrosive liquid, n.o.s. (Oxalic Acid, Hydrofluoric Acid), 8, III  
**Special Provisions** A3, A803  
**ERG Code** 8L

**IMDG**

**UN number or ID number** UN1760  
**UN proper shipping name** Corrosive liquid, n.o.s.  
**Transport hazard class(es)** 8  
**Packing group** III  
**EmS-No.** F-A, S-B  
**Special Provisions** 274, 223  
**Description** UN1760, Corrosive liquid, n.o.s. (Oxalic Acid, Hydrofluoric Acid), 8, III

### 15. Regulatory information

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any

chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
Hydrogen fluoride { Hydrofluoric acid; Fluoric acid} - 7664-39-3	1.0

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Hydrogen fluoride { Hydrofluoric acid; Fluoric acid} 7664-39-3	100 lb	-	-	X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Hydrogen fluoride { Hydrofluoric acid; Fluoric acid} 7664-39-3	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Oxalic acid { Ethanedioic acid} 144-62-7	X	X	X
Hydrogen fluoride { Hydrofluoric acid; Fluoric acid} 7664-39-3	X	X	X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**Other Regulations**

This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

**16. Other information**

<u>NFPA</u>	Health hazards 2	Flammability 0	Instability 0	Special hazards -
<u>HMIS</u>	Health hazards 2	Flammability 0	Physical hazards 0	Personal protection X

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend Section 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date** 16-Jul-2025  
**Revision Note** No information available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**