



SAFETY DATA SHEET

Issuing Date No data available

Revision Date 1-June 2015

Revision Number 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name RUST REMOVER

Other means of identification

Product Code(s) 169550

Synonyms N/A

Recommended use of the chemical and restrictions on use

Recommended Use Rust Remover

Uses advised against No Information Available

Supplier's details

Supplier Address

Birsch Industries
476 Viking Drive
Virginia Beach, VA. 23452
TEL: 757-622-0355

Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.
24 Hour Emergency Contact 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

ACUTE TOXICITY:ORAL – Category 4
SKIN CORROSION/IRRITATION – Category 1C
SERIOUS EYE DAMAGE/EYE IRRITATION – Category 1
AQUATIC: ACUTE – Category 3

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word DANGER

Hazard Statements

- Harmful if swallowed
- Causes severe skin burns and eye damage
- Causes serious eye damage
- Toxic to aquatic life

Appearance Blue - Green**Physical State** Liquid**Odor** Strong Scent**Symbol:****Precautionary Statements****Prevention**

Wear protective gloves/protective clothing/eye protection/face protection.
 Wash face, hands, and any exposed skin thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Do not breathe dust/fume/gas/mist/vapors/spray.

Response

If exposed or concerned: Get medical advice/attention
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
 IF ON SKIN: Remove all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 Wash contaminated clothing before reuse.

Storage

Store locked up. Keep only in original container. Store in corrosive resistant container.

Disposal

Dispose of contents and container in accordance with applicable local, regional, national and/or international regulations. Avoid release to the environment. Absorb spillage to prevent material damage.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms

Chemical Name	CAS-No	Weight %	Notes
Oxalic Acid, Dihydrate	6153-56-6	5 – 15	*
Monoethanolamine	141-43-5	1 – 10	*

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

4. FIRST AID MEASURES

Description of necessary first-aid measures**Eye Contact**

Can cause irritation or burns. Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical aid.

Skin Contact

May produce irritation or corrosive burns to skin. Diluted solutions may cause dermatitis after prolonged exposure. Immediately wash with soap and plenty of water while removing contaminated clothing. Seek medical aid.

Inhalation

Mists may produce respiratory irritation. Move to fresh air.

Ingestion

Can cause irritation and corrosive burns to the mouth, throat and stomach. Do NOT induce vomiting. Give large quantities of water, if conscious. Seek medical aid.

Symptoms and Effects Can cause irritation or burns into the skin and eyes, and the mouth, throat and stomach, if ingested.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Not determined

Specific Hazards Arising from the Chemical

Non-flammable

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment as required.

Methods for Containment Prevent further leakage or spillage if safe to do so. Absorb spillage to prevent material damage.

Methods for Cleaning Up Keep in suitable, closed containers for disposal. Store in corrosive resistant container.

7. HANDLING AND STORAGE

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Biological Limit Values No biological exposure limits noted.

Appropriate Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye & Face Protection Wear approved safety goggles.

Hand & Skin Protection Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

Hygiene Measures Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Clear
Odor	Acidic Scent	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>
pH	0.5 – 1.5
Melting Point/Range	No data available

Boiling Point/Boiling Range	No data available
Flash Point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Flammability Limits in Air	
upper flammability limit	No data available
lower flammability limit	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	No data available
Specific Gravity	No data available
Water Solubility	No data available
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Flammable Properties	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available

10. STABILITY AND REACTIVITY

Stability

The product is stable

Possibility of hazardous reactions

No dangerous reaction known under normal conditions.

Conditions to avoid

Keep out of reach of children.

Incompatible materials

Alkalis producing heat and silver

Hazardous decomposition products

Carbon monoxide and formic acid

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Ingestion	Harmful if swallowed.
Inhalation	Avoid breathing vapors or mists.
Skin Contact	Causes severe skin burn.
Eye Contact	Causes serious eye damage.

Information on Toxicological Effects

Acute Toxicity	Toxic in contact with skin. Harmful if swallowed.
Skin Corrosion/Irritation	Causes severe skin burns and eye damage.
Serious Eye Damage/Eye Irritation	Causes serious eye damage.
Respiratory Sensitization	No data available
Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive Toxicity	This product is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity Single Exposure	Not applicable
Specific Target Organ Toxicity Repeated Exposure	Not applicable
Aspiration Hazard	No data available

12. ECOLOGICAL INFORMATION

Ectotoxicity	No data available
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Mobility In Soil	No data available
Other Adverse Effects	Dangerous to aquatic life in high concentrations.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions	Disposal should be in accordance with applicable regional, national and local laws and regulations.
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14. TRANSPORT INFORMATION

DOT
Not Restricted

15. REGULATORY INFORMATION

U.S. Federal Regulations

This product does not contain ingredients that conform to the Toxic Substances Control Act (TSCA).

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories: Acute Health
SARA 302 Extremely Hazardous Substance: No
SARA 311/312 Hazardous Chemical: Monoethanolamine (141-43-5) [RQ(lbs): 500]
SARA 313: No

Clean Air Act (CAA)

Section 112 Hazardous Air Pollutants List: Not Regulated
Section 112r Accidental Release Prevention: Not Regulated

CERCLA (40 CFR 302.4)

Not Listed

US OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050)

Not Listed

Safe Water Drinking Act (SDWA)

Not Regulated

U.S. State Right to Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Rhode Island
Oxalic Acid, Dihydrate (6153-56-6)			X	
Monoethanolamine (141-43-5)	X	X	X	

California Proposition 65

Not Listed

16. OTHER INFORMATION

NFPA Health 3 Flammability 0 Instability 0

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Issuing Date	No information available
Revision Date	1-June 2015
Revision Note	N/A

General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet