



MATERIAL SAFETY DATA SHEET

HMIS: Health- 1 Flammability- 0 Reactivity- 0 Pers. Protection- B
 WHMIS: D 2 B

NFPA: Health- 1 Flammability- 0 Reactivity- 0 Special Hazard- N

Section 1: Product and Company Identification

Product: Rust Remover
 NILODOR, INC.
 10966 INDUSTRIAL PARKWAY NW
 BOLIVAR, OHIO 44612, USA

Synonyms:

Non-Emergency: US 800-443-4321
 International 010-330-874-1017

24 hr Emergency Spill Information:
 Chem-Tel, Inc.
 US, Canada: 800-255-3924. International:
 1-813-248-0584

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Colorless to pale yellow liquid, little if any odor
 NOT Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : Not classified as flammable
 Health Hazards Listed : Not applicable
 Ecological Hazards Listed : None known
 Potential Health Effects: See section 11 for more information.
 Likely Routes of Exposure: Not applicable

Eye: Direct exposure can irritate
 Skin: Prolonged exposure can irritate
 Ingestion: Not expected to be a problem
 Inhalation: Not applicable

Medical Conditions Aggravated By Exposure:
 Allergies to fragrances
 Target Organs: None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
 This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
 Potential Environmental Effects: (See section 12 for more information.)
 None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Water	7732-18-5	80 - 100	N
Oxalic Acid	144-62-7	0.5 - 1.5	Y

Trade Secret Nonionic Surfactant None 1 - 5 N

Section 4. First Aid Measures

Eye Contact: Flush eyes with copious amounts of clean water. Hold lids apart. If irritation persists, consult a physician.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Give water or milk to drink if conscious.

Note to Physicians: Product is acidic.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water

Unsuitable Extinguishing Media: None known

Products of Combustion: Oxides of carbon and nitrogen

Protection of Firefighters: As for surrounding fire

Section 6. Accidental Release Measures

Personal Precautions: Keep out of eyes. Avoid skin contact

Environmental Precautions: Keep out of surface waters.

Methods for Containment: Dike with sand, clay or other suitable material.

Methods for Clean-Up: Absorb on sand, clay or other suitable material. Hard surfaces may be mopped up with water.

Other Information:

Section 7. Handling and Storage

HANDLING

Normal care.

STORAGE

Keep in original container at ambient temperature (5 - 50°C, 40 - 122°F). Keep out of reach of children.

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Oxalic Acid	2 mg per cubic meter	6000 mg/kg, rat
Trade Secret Nonionic Surfactant	None established	1800 mg/kg

Engineering Controls: Not normally necessary

Eye/Face Protection: Protective goggles if handling large quantities

Skin Protection: Rubber or other protective gloves if handling large quantities

Respiratory Protection: Not normally necessary.

General Hygiene Considerations: Reasonable care. Keep out of food and beverages.

Section 9. Physical and Chemical Properties

Color: Colorless to pale yellow.	Odor: Little if any.
Physical State: Liquid	Odor Treshhold:
pH: 1 - 3	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point: 100°C/212°F
Flash Point: > 93°C/200°F TCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammability Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1.02

Vapor Density: Not determined

Auto-ignition Temperature: Not determined

Volatile Organic Compound (VOC),%weight:

Solubility (water): Soluble

None

Percent Volatile: More than 95% including water

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Not applicable

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely unlikely

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50: Not evaluated as a mixture. Weighted average more than 25 grams per kilogram.

Dermal LD50: Not toxic by skin contact Weighted average more than 60 grams per kilogram.

Inhalation: Not toxic by inhalation. Weighted average more than 60 milligrams per Liter.

Eye Irritation: Direct contact can irritate eyes.

Skin Irritation: Prolonged or repeated contact can irritate skin.

Sensitization: None known.

CHRONIC EFFECTS

Carcinogenicity: None known.

Mutagenicity: None known.

Reproductive Effects: None known

Developmental Effects: None known

Section 12. Ecological Information

Ecotoxicity: Not determined.

Persistence/Degradability: Biodegradable

Bioaccumulation/Accumulation: Not determined.

Mobility in Enviroment: Not determined.

Section 13. Disposal Considerations

Disposal: Dispose in accordance with Federal, State or Provincial, & Local regulations

Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information

Global Inventories

TSCA: United States Included

DSL: Canada Included

ECL: Korea Not-Known

PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : No Sara 313 chemicals present at reportable levels

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

No Proposition 65 Substances present

WHMIS: Canadian Workplace Hazardous Material Information System

D 2 B

Section 16. Other Information

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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