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MATERIAL SAFETY DATA SHEET

identity New Formula Novel® Rust Remover for Laundry and Carpet

SECTION I

manufacturer Novel Technology Labs 1050 Harrison Ave. P. O. Box 207 Kearny, NJ 07032	emergency telephone number	800-424-9300
	telephone number for information	201-997-3300
	date prepared	January 1, 1995

SECTION II - IMPORTANT INGREDIENTS/IDENTITY INFORMATION

important components	chemical id	cas#	%	tlv
WATER	H ₂ O	7732-18-5		
OXALIC ACID	C ₂ H ₂ O ₄ 2H ₂ O	144-62-7	< 10	OSHA PEL TLV=1 Mg/M ³ OSHA AIR-TWA = 1 Mg/M ³ IDLH level 500 Mg/M ³
MONOETHANOLAMINE	HOCH ₂ CH ₂ CH ₂ NH ₂	141-43-5	< 5	3 PPM-TWAB OSHA 6PPM

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

boiling point	ND	specific gravity (H ₂ O=1)	1.04
vapor pressure (mm Hg)	ND	melting point	NA
vapor density (air=1)	ND	evaporation rate (butyl acetate=1)	ND
solubility in water 100%			
appearance and odor colorless liquid, slight sharp odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

flash point NA	(method used)	flammable limits NA
extinguishing media CO ₂ or dry powder (small)		
special fire fighting procedures If large quantities present use self contained breathing apparatus.		
unusual fire and explosion hazards Extreme heat and contact with metal may cause hydrogen gas to be formed.		

SECTION V - REACTIVITY DATA

stability	stable	conditions to avoid	Temperatures above 205° F, alkali and metals.
incompatibility (materials to avoid) strong oxidizing agent, alkalis, metals			
hazardous decomposition products With metals can release potentially dangerous hydrogen gas. Upon decomposition may emit oxides of nitrogen, carbon and formic acid.			
hazardous polymerization will not occur			

See Page 2 for more information.

effects of overexposure

- Eyes:** May cause irritation and redness. Prolonged contact may damage the eyes.
- Skin:** Contact may irritate. Prolonged contact may cause redness and swelling.
- Ingestion:** May irritate the mouth, throat, esophagus and stomach.
- Inhalation:** May irritate respiratory tract.

first aid

- Eyes:** Immediately flush with running water for at least 15 minutes and get emergency medical attention.
- Skin:** Remove contaminated clothing and flush skin immediately with running water for 15 minutes. If symptoms persist, get emergency medical attention.
- Ingestion:** Do not induce vomiting. Immediately drink two or more glasses of milk or water and get emergency medical attention.
- Inhalation:** Move to fresh air. If symptoms persist, get emergency medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

steps to be taken in case material is released or spilled
Small amounts, absorb and dispose of properly. Large amounts, neutralize with sodium carbonate, sodium bicarbonate or lime, then dispose of properly.

waste disposal method
Dispose of in accordance with federal, state and local regulations.

precautions to be taken in handling and storing Do not get in eyes, on skin or clothing. Do not breathe vapor.

other precautions

SECTION VIII - CONTROL MEASURES

respiratory protection None needed when used with adequate ventilation.	ventilation local exhaust
protective gloves Plastic/rubber	eye protection chemical splash goggles
other protective clothing or equipment	
work/hygienic practices Practice good personal hygiene.	

NA = Not Applicable
ND = Not Determined

See Page 1 for more information.

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Keep away from heat