

LOCTITE CORPORATION

10/20/98

ROCKY HILL, CONNECTICUT 06067  
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

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Naval Jelly(R) Rust Dissolver  
80276

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: 80276  
Part No.: NJ-1  
Product Type: Rust Dissolver

NAVAL JELLY is a registered trademark of Naval Jelly Company

## 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Water	7732-18-5	65-70
PHOSPHORIC ACID*	7664-38-2	25-30
ISOPROPYL ALCOHOL	67-63-0	1-3
Polysaccharide	11138-66-2	1-3
Surfactant	Proprietary	1-3
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	0.1-1
SULFURIC ACID*	7664-93-9	0.1-1

\* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
PHOSPHORIC ACID	1 mg/m3 TWA	1 mg/m3 TWA	1 mg/m3
ISOPROPYL ALCOHOL	400 ppm TWA	400 ppm TWA	400 ppm TWA
	983 mg/m3	980 mg/m3	DuPont AEL
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. dust
SULFURIC ACID	1 mg/m3 TWA	1 mg/m3 TWA	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
PHOSPHORIC ACID	3 mg/m3	3 mg/m3	
ISOPROPYL ALCOHOL	500 ppm	500 ppm	
	1230 mg/m3	1225 mg/m3	
SULFURIC ACID	3 mg/m3	None	

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## 3. HAZARDS IDENTIFICATION



if product contacts powdered metals or metals  
above 185°F.

Explosive Limits:  
(% by volume in air)Lower Not available  
(% by volume in air)Upper Not available

#### 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case  
of spill or leak: Maintain adequate ventilation. Neutralize with  
alkaline material such as soda ash or lime. Soak  
up with an inert material. Flush area with water.  
Store in closed container until disposal.

#### 7. HANDLING AND STORAGE

Safe Storage: Keep from freezing.  
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)  
Handling: Avoid contact with skin and eyes. Avoid prolonged  
breathing of vapors.

#### 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Rubber or plastic gloves.  
Ventilation: Sufficient to maintain vapor concentration below  
TLV.  
Respiratory Not available  
  
See Section 2 for Exposure Limits.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pink gel  
Odor: Lime  
Boiling Point: Approximately 212°F.  
pH: 1.5-2.5  
Solubility in Water: Complete  
Specific Gravity 1.2  
Volatile Organic Compound  
(EPA Method 24) 24.4%(maximum)  
Vapor Pressure: Low  
Vapor Density: Not available

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

(continued)

Evaporation Rate  
(Ether = 1) Not available

#### 10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Caustics and powdered metals.

Conditions to Avoid: Not available  
Hazardous Decomposition  
Products (non-thermal): Hydrogen gas

## 11. TOXICOLOGICAL INFORMATION

See Section 3.

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste Number: D002 - Hazardous waste per 40CFR 261.22

## 14. TRANSPORTATION INFORMATION

## DOT (49 CFR 172)

## Domestic Ground Transport

Proper Shipping Name: Consumer Commodity (Not more than four liters);  
Compounds, cleaning, liquid, n.o.s. (More than four liters)

Hazard Class or Division: ORM-D (Not more than four liters);  
Class 8, Packing Group III (More than four liters)

Identification Number: None (Not more than four liters);  
NA 1760 (More than four liters)

Marine Pollutant: None

## IATA

Proper Shipping Name: Corrosive liquid, acidic, inorganic, n.o.s.  
(Contains phosphoric acid)

Class or Division: Class 8, Packing Group III

UN or ID Number: UN 3264

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## 15. REGULATORY INFORMATION

CA Proposition 65: WARNING: This product contains a chemical known to  
the State of California to cause cancer.  
D.C. Red No.19 (Rhodamine B)

## 16. OTHER INFORMATION

Estimated NFPA(R) Code:  
Health Hazard: 3  
Fire Hazard: 0  
Reactivity Hazard: 0  
Specific Hazard: Does not apply

Estimated HMIS(R) Code:  
Health Hazard: 3  
Flammability Hazard: 0

Reactivity Hazards: 0  
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.  
HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Gary Pierson  
Title: Environmental Health and Safety Specialist  
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067  
(24hr.) Phone: (860) 571-5100  
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