

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: RESCUE

PRODUCT I.D. NUMBER (PIN): 1824

WHMIS CLASS: D2B; E

DOT HAZARD CLASS:

Corrosive Material

PRODUCT NUMBER: R

PRODUCT USE: Floor finish remover

COMPANY:

TOWER INDUSTRIES, INC.

3004 SOUTH 96TH STREET

TACOMA, WA 98409-4934

DOT SHIPPING NAME:

Caustic Alkali Liquid, N.O.S.

(Sodium hydroxide), 8,

UN1824, PGIII

H.M.I.S.

<b>3</b>	HEALTH	<b>HAZARD RATING</b> 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
<b>0</b>	FIRE	
<b>1</b>	REACTIVITY	
<b>C</b>	MAXIMUM PERSONAL PROTECTION	

EMERGENCY PHONE: 253-581-2323

A=Goggles, B=Goggles & Gloves, C=Goggles, Gloves & Apron

ABBREVIATION KEY: N.A. = Not Applicable, N.E. = Not Established, N.D. = Not Determined

## SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
Water	7732-18-5	60-100	N.E.	N.E.	N.D.	N.D.
Sodium Hydroxide	1310-73-2	16	2mg/m3	2mg/m3	N.D.	N.D.

This mixture contains 16% Sodium Hydroxide which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

## SECTION 3 - PHYSICAL DATA

Color and Odor: Slight amber - clear liquid/Solvent odor	Boiling Point: 218°F 103°C	Vapor Pressure (mmHG): Like Water	pH: 13.2 (10% 12.7, 1% 12.3)
Physical State: Liquid	Freezing Point: 32°F 0°C	Vapor Density (Air=1): Like Water	Specific Gravity: 1.1
Odor Threshold: N.A.	Water/Oil Distribution: N.A.	Evaporation Rate (Water=0.3): N.E.	Solubility in Water: Complete

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A.	Autoignition Temperature: N.A.	Extinguishing Media: Use media proper to the primary cause of fire.
Flammable Limits: N.A.	LEL: N.A. UEL: N.A.	Special Fire Fighting Procedures: None
Hazardous Combustion Products: N.A.		Unusual Fire and Explosion Hazards: None

## SECTION 5 - REACTIVITY DATA

Chemical Stability: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hazardous Decomposition of By-Products: None known
Incompatibility (Materials to Avoid): Acids, and amphoteric metals.	Hazardous Polymerization: May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>

## SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion, Inhalation, Skin, Eyes	Toxicologically Synergistic Products: None known		
Sensitization: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Medical Conditions Aggravated by Exposure: None known		
Carcinogenicity: None	Teratogenicity: None	Mutagenicity: None	Reproductive Toxicity: None

### EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):

Eyes: Can cause severe burns that result in damage to the eyes and possibly blindness.

Skin: Can produce severe burns and destroys tissues.

Ingestion: Can cause severe burns to mucous membranes of the mouth, throat, etc.

Inhalation: May cause damage to the upper respiratory tract and lung tissue.

## SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: When required for certain operations, use an approved air-purifying respirator.	Ventilation: Local Exhaust: <u>Acceptable</u> Mechanical: <u>Recommended</u>
Protective Gloves: Rubber/Neoprene	Eye Protection: Chemical splash goggles.
Protective Clothing and Equipment: Full cover clothing - rubber apron. Safety shower/eyewash available.	Work and Hygienic Practices: Wash thoroughly after use.
Storage Requirements: Store in cool, dry area. Follow good housekeeping practices.	Other Requirements: Keep out of the reach of children.
Safety shower and eyewash should be available. Avoid breathing mist or spray.	

Steps To Be Taken If Material Is Spilled Or Released: Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

## SECTION 8 - EMERGENCY FIRST AID PROCEDURES

### FIRST AID - NOTES TO PHYSICIAN:

Eyes: Flush with large amount of water for 30 minutes holding eyelids open. Seek medical attention.

Skin: Remove contaminated clothing and footwear. Flood/shower for 30 minutes.

Ingestion: Rinse mouth with water. Give 2-3 large glasses of water. Do not induce vomiting. Seek medical attention.

Inhalation: Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.

## SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department

Phone: 253-581-2323

Date of Preparation: March 30, 1998