

# MATERIAL SAFETY DATA SHEET

## SECTION 1 — PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER <b>Rust Breaker, RB-75</b>		PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE <b>Penetrant for loosening rusted parts.</b>			
MANUFACTURER'S NAME <b>Norvey, Inc.</b>		SUPPLIER'S NAME <b>Alltemp Products Limited</b>	
STREET ADDRESS <b>300 South Standard Ave.</b>		STREET ADDRESS <b>827 Brock Road S.</b>	
CITY <b>Santa Ana</b>	PROVINCE <b>California, USA</b>	CITY <b>Pickering</b>	PROVINCE <b>Ontario, Canada</b>
POSTAL CODE <b>92701</b>	EMERGENCY TELEPHONE <b>714-973-0330</b>	POSTAL CODE <b>L1W 3J2</b>	EMERGENCY TELEPHONE NO.

## SECTION 2 — HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
Distillate (petroleum), hydrotreated light	N/A	64742-47-8	N/A	N/A

## SECTION 3 — PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Water white, oily liquid with hydrocarbon odor			ODOUR THRESHOLD (ppm) N/a
VAPOUR PRESSURE (mm Hg) 1.1 @ 100°F	VAPOUR DENSITY (AIR=1) 5.2	EVAPORATION RATE N/A	BOILING POINT (°C) 187°C - 207°C	FREEZING POINT (°C) N/A
pH N/A	SPECIFIC GRAVITY 0.809 @ 60°F	COEFF. WATER/OIL DIST. N/A		

## SECTION 4 — FIRE AND EXPLOSION DATA

FLAMMABILITY YES		
MEANS OF EXTINCTION Water spray, Dry Chemical, Alcohol compatible foam		
FLASHPOINT (°C) AND METHOD 63°C	UPPER FLAMMABLE LIMIT (% BY VOLUME) 7%	LOWER FLAMMABLE LIMIT (% BY VOLUME) 0.7%
AUTOIGNITION TEMPERATURE (°C) Not Available	HAZARDOUS COMBUSTION PRODUCTS N/A	
EXPLOSION DATA N/A	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE N/A

## SECTION 5 — REACTIVITY DATA

CHEMICAL STABILITY NO IF NO, UNDER WHICH CONDITIONS? High temperatures
INCOMPATIBILITY WITH OTHER SUBSTANCES YES IF SO, WHICH ONES? Strong oxidizers
REACTIVITY, AND UNDER WHAT CONDITIONS N/A
HAZARDOUS DECOMPOSITION PRODUCTS None Known

PRODUCT IDENTIFIER **Rust Breaker**

### SECTION 6 — TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT	EYE CONTACT	INHALATION	INGESTION
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EFFECTS OF ACUTE EXPOSURE TO PRODUCT  
 Skin – Repeated or prolonged contact with liquid may cause irritation, reddening, or dermatitis.  
 Eyes – Liquid contact of this fluid may cause irritation  
 Inhalation – High vapor concentrations of this fluid may cause headaches, stupor, irritation of throat/eyes and adverse kidney effects. Aspiration may cause critical pneumonia or death.  
 Ingestion – This product has a low order of toxicity when ingested, but it does cause irritation of the stomach and intestines. Possibly resulting in nausea and vomiting.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

EXPOSURE LIMITS 100 ppm, 525 mg/m <sup>3</sup> for 8 hr. TWA	IRRITANCY OF PRODUCT Not available	SENSITIZATION TO PRODUCT Not available	CARCINOGENICITY None Known
TERATOGENICITY Not known	REPRODUCTIVE TOXICITY None Known	MUTAGENICITY None known	SYNERGISTIC PRODUCTS Not known

### SECTION 7 — PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) Chemical gloves for repeated use.	RESPIRATOR (SPECIFY) Use NIOSH-approved organic vapor air purifying respirator Self-contained breathing apparatus and/or air supplied respirator, depending on the concentration of product present	EYE (SPECIFY) Safety glasses or Face shield and chemical goggles
FOOTWEAR (SPECIFY) If significant exposure is present use chemical boots.	CLOTHING (SPECIFY) If significant exposure is present use full protective suit	OTHER (SPECIFY) N/A

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.)  
 Mechanical ventilation may be needed if used in confined area

LEAK AND SPILL PROCEDURE  
 Absorb a spill with inert material. For large spills pick up just as soon as possible.

WASTE DISPOSAL  
 Dispose of in accordance to federal, provincial, and local regulations.

HANDLING PROCEDURES AND EQUIPMENT  
 N/A

STORAGE REQUIREMENTS  
 Storage temperature / pressure : Ambient

SPECIAL SHIPPING INFORMATION

Chemical Name	Class	Subclass	Small Means of Containment	Consumer Commodities
Petroleum distillates, n.o.s ( UN1268 )	3	N/A	CAN/CGSB-43.150-97	5

### SECTION 8 — FIRST AID MEASURES

SPECIFIC MEASURES  
 Eyes- Flush with water for 15 minutes. Contact Physician if irritation persists.  
 Skin- Flush with plenty of water. Remove contaminated clothing. Contact Physician if irritation persists.  
 Inhalation- Remove to fresh air. If not breathing give artificial respiration and seek immediate medical attention. Oxygen should only be administered by trained personnel.  
 Ingestion- If swallowed call Physician immediately. NEVER induce vomiting, unless directed to do so by Physician. Avoid aspiration into lungs, because even small quantities can result in aspiration pneumonitis .

### SECTION 9 — PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.) Health and Safety Department	PHONE NUMBER 1-800-263-4624	DATE 04/25/2007
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