

MATERIAL SAFETY DATA SHEET

DATE PREPARED: REVISED October 3, 2007 / Page 1

IDENTITY (AS USED ON LABEL AND LIST): SP-38 RUST REMOVER / PHOSPHATIZER

SECTION I

MANUFACTURED FOR: SEATTLE PUMP AND EQUIPMENT CO.

ADDRESS: 2222 - 15th AVENUE WEST, SEATTLE WA 98119

EMERGENCY TELEPHONE NUMBERS: Emergency: 800-863-7867 Information: 206-283-5252

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS CHEMICAL NAME:	CAS #	WISHA PEL	ACGIH TLV	OTHER LIMITS
PHOSPHORIC ACID	7664-38-1	1MG/M3	1MG/M3	NONE
ETHYLENE GLYCOL MONOBUTYLEETHER	000111-75-2	25PPM	25PPM	NONE

Comments: USDOT Shipping Information: CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (Contains Phosphoric Acid), 8, UN3264, PG II.

NO OTHER INGREDIENTS CONSIDERED HAZARDOUS

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 212F° SOLUBILITY IN WATER: Complete

VAPOR PRESSURE (MM HG): N/A

MELTING POINT: N/A

VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY (WATER=1): 1.03

pH CONCENTRATE: N/A

BUTYL (ACETATE=1): >1

EVAPORATION RATE (BUTYL ACETATE=1): N/A

APPEARANCE AND ODOR: Clear Pink Liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT METHOD USED: N/A FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Water spray, fog or regular foam, dry chemical, CO2.

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION V - REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: May Occur: Will Not Occur: X

INCOMPATIBILITY (MATERIALS TO AVOID): Reacts with strong acids, and soft metals.

CONDITIONS TO AVOID INSTABILITY: N/A

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO OR CO2 with incomplete combustion, Explosive Hydrogen with contact with metals.

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SECTION V: REACTIVITY DATA

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PRODUCT NUMBER SP-38

Stability: Stable ☒ Unstable ☐ Conditions to avoid: NONE

Incompatibility (Materials to Avoid): **STRONG ACIDS, SOFT METALS**

Hazardous Decomposition or Byproducts:

Hazardous Polymerization:

May Occur: ☐

Will Not Occur: ☒

Conditions to Avoid: **NONE**

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SECTION VI HEALTH HAZARD DATA

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Routes of Entry: Inhalation: **YES** Skin: **YES** Ingestion: **YES** Eyes: **YES**

Health Hazards (Acute and Chronic):

INHALATION MAY IRRITATE NOSE, THROAT, AND RESPIRATORY TRACT

SKIN CAN CAUSE MODERATE TO SEVERE SKIN DAMAGE

INGESTION CAN CAUSE SEVERE BURNS TO DIGESTIVE TRACT

EYES CAN CAUSE SEVERE DAMAGE OR BLINDNESS

Carcinogenicity: **N/A** NTP: **N/A** IARC Monographs **N/A** OSHA/WISHA Reg. **N/A**

Signs and Symptoms of Exposure: **REDNESS, BURNING, ITCHING, SWELLING**

Medical Conditions Generally Aggravated by Exposure: **SKIN AND RESPIRATORY CONDITIONS**

Emergency and First aid Procedure:

INHALATION: Move victim to fresh air. Give artificial respiration if victim is not breathing. **Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.** Administer oxygen if breathing is difficult.

SKIN: Remove and isolate contaminated clothing and shoes. In case of contact with substance, immediately flush skin or with running water for at least 20 minutes. Seek immediate medical attention.

INGESTION: If swallowed, **DO NOT INDUCE VOMITING!** Give large quantities of water or milk. Seek immediate medical attention.

EYES: Flush with water for at least 20 minutes, while holding the upper and lower eyelids open. Seek medical attention.

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SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be taken in Case Material is Released or Spilled: **NEUTRALIZE WITH DILUTE ALKALINE SOLUTION AND MOP OR ABSORB**

Precautions to be taken in Handling and Storing: **KEEP TIGHTLY CLOSED AND IN A DRY PLACE**

Other precautions: **KEEP THIS AND ALL CHEMICALS AWAY FROM CHILDREN**

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SECTION VIII: CONTROL MEASURES

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Respiratory Protection: **NOT REQUIRED**

Ventilation: **LOCAL**

Local Exhaust: **ACCEPTABLE**

Mechanical: **NOT REQUIRED**

Special: **NONE**

Protective Gloves: **RUBBER OR NEOPRENE**

Eye Protection: **GOGGLES AND/OR FACE SHIELD**

Other Protective Clothing or Equipment: **PROTECTIVE CLOTHING TO COVER EXPOSED SKIN**



Product Bulletin

SP-38 ... RUST REMOVER — PHOSPHATIZER

Contains: Phosphoric Acid

DESCRIPTION:

AN ACIDIC SOLUTION DEVELOPED FOR REMOVING RUST STAINS ON PAINTED SURFACES (I.E. SHIP BULK HEADS). IT IS ALSO EFFECTIVE AS A METAL CLEANER AND PHOSPHATIZING AGENT IN PREPARATION FOR PAINTING.

DIRECTIONS:

Use 2 to 8 ounces per gallon of water to remove stains caused by hard water, iron, and other heavy metal contamination (rust) from tile or painted surfaces. Particularly rusty parts may call for use at full strength followed by flushing with water.

TECHNICAL DATA:

VISCOSITY.....THIN LIQUID
COLOR.....CLEAR
ph CONCENTRATE.....APPROXIMATELY 2.0
FOAM PROPERTIES.....LOW

CAUTION:

DANGER! Causes burns to eyes. May cause burns to skin. Harmful if swallowed. Avoid contact with eyes, skin, and clothing. Wear safety goggles, rubber gloves, and other suitable protective clothing when handling. Wash thoroughly after handling. Avoid breathing mist, **DO NOT** take internally. Before opening, relieve any pressure build-up in bottle by loosening cap slowly. Keep container closed when not in use. Avoid contact or mixing with chlorine releasing materials. Store away from heat and direct sunlight.

FOR FURTHER INFORMATION REFER TO THE MATERIAL SAFETY DATA SHEET

MANUFACTURED FOR:

SEATTLE PUMP AND EQUIPMENT CO.

2222 - 15th Avenue West

Seattle, WA 98119

Phone: 206-283-5252 Toll Free: 800-863-7867