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# MATERIAL SAFETY DATA SHEET

## RUST FREE™

THIS DOCUMENT IS PREPARED PURSUANT TO THE  
OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

Flammable liquids, Corrosive, n.o.s (contains isopropanol and phosphoric acid)

UN# 2924, PKG III, Class 3, Sub Class 8,

WHMIS: Class(es): B, E HTSC: 3405.90.00

NFPA (HMIS) Codes = H-3, F-3, R-1, S-COR

### SECTION II

CHEMICAL NAMES	SARA Title III Section 313	ACGIH TLV/TWA	OSHA PEL	% By Volume
PHOSPHORIC ACID * CAS#: 7664-38-2	0	1 mg/m3	1 mg/m3	20-30
ISOPROPANOL CAS#: 67-63-0	0	400 ppm	400 ppm	5-10
ETHOXYLATED ALCOHOL CAS#: 66455-14-9	NA	ND	ND	0-1

### SECTION III - PHYSICAL DATA

Boiling Point (°F)	230	Specific Gravity (H2O = 1)	1.16
Vapor Pressure (mm Hg.)	NA	% VOC's	10
Vapor Density (Air = 1)	NA	Evaporation Rate (water = 1)	1
Solubility in Water	Complete	pH	1
Appearance and Color	Clear Liquid		

### SECTION IV - FIRE AND EXPLOSION INFORMATION

Flash Point (Method Used-Closed Cup)	85°F	Flammable Limits	LEL - ND	UEL - ND
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EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Dry Chemical or Water Spray.

SPECIAL FIRE FIGHTING PROCEDURES: Wear Positive-Pressure, Self-Contained Breathing Apparatus, and Full Protective Equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May cause a flammable environment in closed conditions due to the relative volatility of the components. Not expected to cause a combustible environment in open conditions.

## **SECTION V - HEALTH HAZARD DATA**

### **ROUTES OF EXPOSURE: FOR THE PRODUCT**

EYES - Corrosive material – may cause moderate to severe (eye/skin) irritation, and in some instances chemical burns.

SKIN - Corrosive material – may cause moderate to severe (eye/skin) irritation, and in some instances chemical burns.

INHALATION - Single exposure to vapors is not likely to be hazardous under normal handling conditions.

INGESTION - Amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of larger amounts may cause injury.

### **FIRST AID:**

EYES - Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN - Immediately remove contaminated clothing and shoes and wash off in flowing water or shower.

INHALATION - Remove to fresh air. If not breathing, give artificial respiration. Call a Physician.

INGESTION - Never give anything by mouth to an unconscious person. If swallowed, DO NOT INDUCE VOMITING - Give large quantities of water. If vomiting occurs spontaneously, keep air way clear. Get Medical Attention Immediately.

**CARCINOGENICITY:** This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as a possible human carcinogen.

## **SECTION VI - REACTIVITY DATA**

**STABILITY:** (Conditions to Avoid) - Stable under normal storage conditions.

**INCOMPATIBILITY:** (Materials to Avoid) - Avoid contact with material such as sulfides and sulfites, which could release toxic gases.

Avoid contact with alkaline materials and reactive metals. Caustic materials neutralize effectiveness.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Known.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## **SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:** Persons involved in cleaning up a spill should wear appropriate protective equipment. Stop spill at source, dike to prevent spreading, collect, (or) soak up residue with absorbent such as clay, sand, or suitable material (or) flush to sewer with large quantity of water if permitted in accordance with all Local, State, Provincial, and Federal Regulations.

## **SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED**

**VENTILATION REQUIREMENTS:** Local ventilation is expected to be satisfactory where this product is stored and handled. General (mechanical) room ventilation may be used.

**EYE:** Avoid contact with eyes wear chemical goggles if there is a likelihood of contact with eyes.

**SKIN:** Avoid contact with skin and clothing. Wear chemical resistant gloves and protective clothing such as rubber gloves, rubber apron, and impervious boots.

## **SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS**

Keep the Container closed when not in use.

**WASTE DISPOSAL METHOD:** Disposal of inert material in a chemical landfill. Flush to sewer with large quantity of water if permitted by in accordance with all Local, State, Provincial, and Federal Regulations. Do not allow runoff into public waterways

**ABBREVIATION KEY:** NA - Not Applicable. NE - Not Established. ND - Not Determined

° Indicates hazardous ingredients, which are toxic chemicals subject to reporting requirements of Section 313 of SARA Title III.

\* CERCLA RQ 5000 lbs.

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