

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

SECTION I

Distributed By:  
The Challenge Machinery Co.  
Norton Shores, Mi 49441  
231-799-8484

TRADE NAME: RUST-B-GONE

22-Sep-08

EMERGENCY PHONE 312-733-5200

SECTION II

Hazardous Components	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
PHOSPHORIC ACID (85%) UN1255 CAS # 7664-38-2		1 mg/m3		
HMIS RATING: H-1, F-1, R-0, PP-B		LISTED UNDER SARA III sec. 313		
DOT Classification - 55				

SECTION III

Boiling Point:	<212 oF	Specific Gravity (H2O = 1)	1.176
Vapor Pressure:	0.028	Melting Point:	N/A
Vapor Density (air = 1)	N/A	Evaporation Rt(Water = 1)	LOWER
Solubility in water:	Complete		
Appearance and Odor:	Colorless, slightly surpy liquid with mild sweet odor. PH=2		

SECTION IV

Flash Point (Method Used)	T.C.C.	NONE
FLAMMABLE LIMITS:	LEL	NONE UEL NONE
Extinguishing Media	NONE	

Special Fire Fighting Procedures Water spray can be used to keep containers cool.

Unusual Fire and Explosion Hazards None

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## SECTION V

STABILITY UNSTABLE CONDITIONS TO AVOID: N/A

STABLE XX

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: When heated to decomposition emits toxic fumes of oxides of phosphorous.

HAZARDOUS MAY OCCUR CONDITIONS TO AVOID: N/A

POLYMERIZATION WILL NOT OCCUR XX

## SECTION VI

ROUTES OF ENTRY INHALATION? Acute local - 2 SKIN INGESTION

HEALTH HAZARDS (ACUTE &amp; CHRONIC): Acute local - 2 2

Acute local - Irritant Chronic local - irritant - 2

CARCINOGENICITY: NTP? IARC MONOGRAPHS? OSHA REGULATED?

Not considered a carcinogen

SIGNS AND SYMPTOMS OF EXPOSURE: Skin : burning sensation, redness, irritation.

## MEDICAL CONDITIONS

GENERALLY AGGRAVATED BY EXPOSURE: Open sores, abrasions on skin.

EMERGENCY AND FIRST AID PROCEDURES EYES: Flush with water until clear.

Skin: Wash with mild soap &amp; water. Ingestion: Drink 2 large glasses of water. Consult medical attention.

## SECTION VII

STEPS IN CASE MATERIAL IS RELEASED OR SPILLED Contain spill.

Neutralize spill with baking soda or mild alkaline soap. flush with water.

WASTE DISPOSAL METHOD Consult State, Local and Federal agencies for compliance.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store at ambient temperatures.

Avoid physical damage to containers. Keep containers closed during storage.

## SECTION VIII

PROTECTION: Confined area &amp; Concentrated use full face respirator with organic cart.

VENTILATION LOCAL EXHAUST TO OUTSIDE SPECIAL N/A

MECHANICAL N/A OTHER N/A

PROTECTIVE GLOVES Chemical resistant

OTHER PROTECTIVE CLOTHING OR EQUIPMENT Safety goggles recommended. rubber apron.

WORK/HYGIENIC PRACTICES Wash hands after use. Keep area clean.