

MATERIAL SAFETY DATA SHEET

MSDS Name: CORROSION REMOVING COMPOUND

MSDS Number: 450

Version Number

MSDS Date: AUG-18-2008

Page Number: 1 of 5

SECTION 1. PRODUCT AND COMPANY INFORMATION

Product Name: CORROSION REMOVING COMPOUND  
CAS Number N/A  
Hazard Rating: Health: 3 Fire: 0 Reactivity: 1 PPI:

Company Identification: DAMPNEY CO INC.  
85 PARIS ST  
EVERETT MA 02149-4411

Contact: CONRAD FOO  
Telephone/Fax: (617) 389-2805 (617) 389-0484  
Chemtrec (24 Hour): (800) 424-9300

Product Class RUST RINCE  
Trade Name CORROSION REMOVING C  
Product Code ENDCOR 450  
DOT Hazard Class  
UN Number UN3066  
Shipping Name PAINT RELATED MATERIAL  
Technical Name

SECTION 2. INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
*85% PHOSPHORIC ACID	7664-38-2	51.68	Y
2-BUTOXYETHANOL GLYCOLMONOBUTYL ETHER	ETHYLENE 111-76-2	11.04	Y

\*\*\* ALL Ingredients in this product are listed in the T.S.C.A. Inventory

\*\* SPECIAL REMARKS ON ABOVE LISTED INGREDIENTS \*\*

NIOSH recommends a limit of 5 ppm TWA for a 10 hour workday and  
and 40 hour workweek for 2-butoxyethanol.  
TWA for skin.

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SECTION 3. PHYSICAL DATA

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Form: CLEAR LIQUID  
pH Value: 2.  
Boiling Range: 302.°F - 343.°F  
Melting Point: Not Applicable  
Evaporation Rate: 0.008 times Slower than n-Butyl Acetate  
  
Vapor Density: Heavier than air  
  
Partition Coefficient Not Available  
% Volatile Weight 46.7%  
% Volatile 57.9%  
Specific Gravity: 1.312  
Weight/Gallon: 10.93 lbs  
VOC 1.85 LBS/GAL  
Heavy Elements (ppm) 0.

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SECTION 4. FIRE AND EXPLOSION HAZARD DATA

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Flammability Class 3  
Flash Range: 0.°F - 150.°F  
Explosive Range: 1.1%  
12.7%

EXTINGUISHING MEDIA:

Alcohol foam, water fog, CO2, or dry chemical.

SPECIAL FIREFIGHTING PROCEDURES:

N/A

UNUSUAL FIRE & EXPLOSION HAZARDS:

This material does not burn. However, it can react with metals to liberate hydrogen gas that can readily form flammable or explosive mixtures. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights or by other flames and ignition sources at locations distant from the material handling point.

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SECTION 5. HEALTH HAZARD DATA

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Route	Species	Exposure and Dose
*85% PHOSPHORIC ACID		
Oral	Unknown	LD50 1530. PPM
Skin	Unknown	LD50 2740. PPM
2-BUTOXYETHANOL                      ETHYLENE GLYCOLMONOBUTYL ETHER		
Oral	Rat	LD50 470. mg/kg

PERMISSIBLE EXPOSURE LEVEL:

SEE SECTION VIII

EFFECTS OF OVEREXPOSURE:

Causes severe burns to skin and eyes. Phosphoric acid may not produce an immediate burning sensation upon skin contact, delaying the awareness of the worker that contact has occurred. Following a 24-hour exposure, irreversible eye or skin damage occurred at all concentrations of phosphoric acid. Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache, possible unconsciousness or even death.

Chronic overexposure to this material (or its components) has apparently been found to cause the following effects in laboratory animals: anemia, liver abnormalities, kidney damage, lung damage, blood abnormalities.

Humans are resistant to hemolytic effects of 2-Butoxyethanol and therefore the kidney and liver injury noted in animal studies is not considered relevant to human health hazard evaluation.

EMERGENCY AND FIRST AID PROCEDURES:

Ingestion: may cause nausea, vomiting, and diarrhea. Do not induce vomiting. Immediately give large quantities of water. If vomiting occurs, give fluids again. Call a physician or the nearest poison center immediately.

Skin contact: immediately remove contaminated clothing under a safety shower. Flush affected areas with large amounts of water for at least 15 minutes. Do not attempt to neutralize with chemical agents. Obtain medical advice immediately.

Eye contact: irritating; may cause chemical burns. Immediately flush the eyes with large quantities of water for at least 15 minutes. Hold the eyelids apart during flushing to insure rinsing

of the entire surface of the eye and lids with water. Obtain medical attention as soon as possible.

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SECTION 6. STABILITY AND REACTIVITY MEASURES

Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:

Reacts with bases such as carbonates, oxides, and hydroxides of alkali metals. Forms hydrogen gas on reaction with metals.

SECTION 7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain spills and leaks to prevent discharge to the environment neutralize cautiously with a base such as soda ash. Keep product out of sewers, watersheds and water systems.

Small spills: take up with absorbent material and place in non-leaking containers for proper disposal.

WASTE DISPOSAL METHOD:

Assure conformity with applicable federal, state and local regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
*85% PHOSPHORIC ACID	1.00 mg/M3	N/est	3.00 mg/M3	3.00 mg/M3	1.00 mg/M3
2-BUTOXYETHANOL					
GLYCOLMONOBUTYL ETHER	20.00 PPM	N/est	N/est	N/est	25.00 PPM
ETHYLENE					

RESPIRATORY PROTECTION:

Use NIOSH approved respirator as required to prevent overexposure.

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VENTILATION:

Provide sufficient ventilation to keep air contaminant concentration below current applicable OSHA permissible exposure limit.

PROTECTIVE GLOVES:

Use chemical-resistant gloves to prevent skin contact.

EYE PROTECTION:

Use splash goggles or face shield to prevent eye contact.

OTHER PROTECTIVE EQUIPMENT:

Use chemical-resistant or other protective outerwear to protect against clothing contamination and skin contact.

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SECTION 9. SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING, TRANSPORTATION, AND STORING:

Storage and shipping containers should be plastic or type 316 stainless steel.

OTHER PRECAUTIONS:

Contact lenses pose a special hazard; soft lenses may absorb and all lenses concentrate irritants.

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SECTION 10. REGULATORY INFORMATION

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SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
*85% PHOSPHORIC ACID	7664-38-2	51.68

-PROP 65 (BOTH CARCINOGEN AND TERATOGEN)

WARNING: This product may contain a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

Ingredient Name	CAS Number	Percent
2-BUTOXYETHANOL	ETHYLENE 111-76-2	11.04

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GLYCOLMONOBUTYL ETHER

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The information and recommendations contained herein are based on data believed to be correct. However, Dampney makes no warranty express or implied regarding the accuracy of these data or results to be obtained from the use there of. Dampney assumes no responsibility for personal injury or property damage caused by use of the material described herein. It is the responsibility of the purchaser or user to ensure that this material is properly and safely used.