

Belmont Equipment Company

A Division Of Cleary Developments, INC.

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MSDS Number

0144

MATERIAL SAFETY DATA SHEET

Product: E-Z Klean

Common Name: Cleaner

Date: 01-2014

Emergency Number: 1-800-255-3924(Chem-Tel)

Manufacturer: Beaver Research

SECTION I- IDENTIFICATION

Chemical Name: Phosphoric Acid

Chemical Family: Mineral Acid

D.O.T. Hazard Classification: 8

SECTION II- INGREDIENTS, INERT OR HAZARDOUS

MATERIAL	C.A.S#.	%	TLV*	STEL**	OSHA, TP, IARC
Phosphoric Acid	7664-38-2	42-46	1mg/m ³	3mg/m ³	None
Water	7732-18-5	50-55	None		
Octyl Phenol Ethoxylate	9002-93-1	0-3	None		
Color Additives		Trace	None		

Carcinogenic Assessment - None**HMIS Rating:** Health-3 (serious), Flammability-0 (insignificant), Reactivity-0 (minimal), Protection- C (safety glasses, gloves, synthetic apron)**SECTION III - PHYSICAL DATA**

A. Boiling Point: 210 °F

B. Melting Point: NA

C. Evaporation Rate:

D. Solubility in Water: Complete - pH <1 - VOC None

E. Appearance: Green Liquid

F. Violate by Weight:

G. Specific Gravity: 1.26

H. Vapor Pressure: NA

I. Vapor Density: NA

J. Odor: None

SECTION IV - FIRE AND EXPLOSION DATA

A. Flash Point: None

B. Extinguishing Media: N/A

C. Firefighting Procedures: Use full protective clothing and self contained breathing apparatus.

D. Unusual Fire and Explosion Data or Hazardous: NA

SECTION V - HEALTH HAZARD DATA

A. Primary Route(s) of Entry: Skin, Inhalation

B. Effects of Overexposure:

1. Eyes - Corrosive. Causes eye damage.

2. Inhalation - Breathing of vapor can cause respiratory irritation and inflammation.

3. Ingestion - Corrosive. Causes irritation & burning in mouth & throat. Avoid swallowing

4. Skin - Corrosive. Causes irritations & burns

C. First Aid:

1. Eyes - Flush immediately with water for 15 minutes. Get prompt medical attention.

2. Breathed, Swallowed or Skin - Drink lots of water or milk. Do not induce vomiting. Remove to fresh air. Flush skin with water for 15 minutes. Get prompt medical attention.

3. Medical Conditions Recognized as possibly aggravated by Exposure - None

* Threshold Limit Value, ACGIH

** Permissible Exposure Limit

SECTION VI - REACTIVITY DATA

- A. Stability: Yes
- B. Incompatibility: Strong alkalis, materials not Resistant to strong acids, active metals (zinc, alum., magnesium, etc.)
- C. Hazardous Polymerization: Does not occur
- D. Conditions to Avoid: NA

SECTION VII - SPILL OR LEAK PROCEDURES

- A. Steps to be taken in case material is released or spilled: Small spills can be flushed into sewers or into ground with copious amounts of water or taken up with absorbent material. Larger spills should be contained by diking or other methods and help for collection and/or refuse or for neutralization with Alkali before collection and disposal. Personnel should use eye and skin protection.
- B. Waste Disposal Method: If neutralized, may be disposable in sewers if local regulations permit. Otherwise, send to licensed treatment and disposal facility. As supplied this product is a RCRA hazardous waste.
- C. Precautions to be Taken in Handling & Storage - Check daily for any leaks from containers, vessels, pumps and piping. Have water hoses and alkali (caustic soda, lime, etc.) convenient. Only use containers and equipment designed for acid service. Use a respirator if area is poorly ventilated. Empty containers: rinse well before handling and disposal.
- D. Areas of use and storage should be ventilated adequately to reduce vapors below odor level.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

- A. Respiratory Protection: Approved acid vapor/mist respirator if exposure is likely.
- B. Ventilation: Local Exhaust
- C. Protective Gloves: Acid - resistant
- D. Eye Protection: Splash-proof goggles
- E. Other Protective Equipment: Acid resistant boots and clothing
- F. Work/Hygienic Practices: Remove contaminated clothing and launder before re-use. Discard contaminated shoes. Provide convenient safety showers and eyewash stations.

SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS

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