

SAFETY DATA SHEET



Date Prepared : 09/25/2013
SDS No : 1B.03

Porcelain & Tile

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Porcelain & Tile
GENERAL USE: Bowl Cleaner
PRODUCT CODE: 1B.03
PRODUCT FORMULATION NAME: Proprietary
CHEMICAL FAMILY: Acid

MANUFACTURER

Centraz Industries Inc.
 4051 BINGHAM AVE
 ST. LOUIS, MO 63116
Customer Service: 314-752-7627

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation & Medical) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 4
 Eye Corrosion, Category 2
 Skin Corrosion, Category 2

GHS LABEL



Corrosion



Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H302 + H312 + H332: Harmful if swallowed, in contact with skin or if inhaled.
 H318: Causes serious eye damage.
 H315 + H320: Causes skin and eye irritation.
 H412: Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

Prevention:

P234: Keep only in original packaging.
 P262: Do not get in eyes, on skin, or on clothing.
 P270: Do not eat, drink or smoke when using this product.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P330: Rinse mouth.
 P363: Wash contaminated clothing before reuse.

POTENTIAL HEALTH EFFECTS

EYES: May cause permanent eye damage.
SKIN: May cause irritation, tearing and redness.

INGESTION: May cause irritation of the throat, stomach and gastrointestinal tract.

INHALATION: Can cause irritation and inflammation of the respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Phosphoric Acid	19 - 23	7664-38-2
Amines, Tallow Alkyl, Ethoxylated	2 - 4	61791-26-2

4. FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes, if contact lenses are present remove after 5 minutes and continue flushing, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.

SKIN: Flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Move to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: Water fog, alcohol foam, and dry chemical.

FIRE FIGHTING EQUIPMENT: Wear self contained breathing apparatus and other protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Dike and contain. Do not discharge into drains. Mop up or pick up with wet dry vacuum. Watch out for slippery conditions when spilled.

LARGE SPILL: Dike and contain. Do not discharge into drains. Mop up or pick up with wet dry vacuum. Watch out for slippery conditions when spilled.

COMMENTS: NOTE: Phosphoric Acid is a HAZARDOUS SUBSTANCE per 40 CFR 117 (section 113 of the Clean Water Act). Reportable quantity spill: 5,000 lbs unneutralized phosphoric acid when discarded is a hazardous waste and is controlled by RCRA rules.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: KEEP OUT OF REACH OF CHILDREN

HANDLING: Wear protective clothing. Wash thoroughly after handling.

STORAGE: Store in a dry, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
Chemical Name		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Phosphoric Acid	TWA		1		1	NL	NL
	STEL				3	NL	NL

ENGINEERING CONTROLS: Use local exhaust at filling zones and where leakage is probable.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses.

SKIN: Acid Resistant Gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)	Boiling Point (°C)	Freezing Point (°C)	Specific Gravity
Phosphoric Acid	11	22	33	44

ODOR: Almond

COLOR: Red

PHYSICAL STATE COMMENTS: Liquid

pH: Acid

PERCENT VOLATILE: 80

FLASH POINT AND METHOD: Not Available

FLAMMABLE LIMITS: Not Available

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Heavier than air.

BOILING POINT: (130°F) to (158°F)

FREEZING POINT: Not Available

MELTING POINT: Not Available

POUR POINT: Not Available

THERMAL DECOMPOSITION: No information Available

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: Not Available

DENSITY: 9.72

SPECIFIC GRAVITY: 1.164

VISCOSITY: Not Available

MOLECULAR WEIGHT: Not Available

(VOC): Not Available

OXIDIZING PROPERTIES: No information Available

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: At temperatures above 300 dgr. C Phosphoric acid will decompose and emit toxic phosphoric oxide fumes.

INCOMPATIBLE MATERIALS: Strong oxidizing agents. Reacts with metals, alkalies, sulfides, sulfites, lime, soda ash, and caustic soda.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Chemical Name	General Toxicity
Phosphoric Acid	None known.

12. ECOLOGICAL INFORMATION

COMMENTS: THIS PRODUCT HAS NOT BEEN TESTED.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state, and local regulations. Contaminated Packaging.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION): When packaged in 12 x 1 Qt. containers this product is considered an ORM-D, consumer commodity.

15. REGULATORY INFORMATION**UNITED STATES****CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

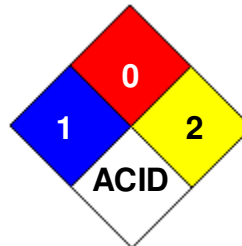
Chemical Name	Wt.%	CERCLA RQ
Phosphoric Acid	19 - 23	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Phosphoric Acid	7664-38-2
Amines, Tallow Alkyl, Ethoxylated	61791-26-2

16. OTHER INFORMATION

Date Prepared: 09/25/2013

NFPA CODES

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.