

# SAFETY DATA SHEET



Date Prepared : 06/02/2015  
SDS No : 1F.01

## Lime buster

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Lime buster  
**GENERAL USE:** Food Service Cleaner  
**PRODUCT CODE:** 1F.01  
**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 LABEL



Corrosion



Exclamation  
mark

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H290: May be corrosive to metals.  
H302 + H312: Harmful if swallowed or in contact with skin.  
H314: Causes severe skin burns and eye damage.

#### PRECAUTIONARY STATEMENTS

##### Prevention:

P234: Keep only in original packaging.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor  
P302+P352: IF ON SKIN: Wash with plenty of water/...  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P362: Take off contaminated clothing.  
P390: Absorb spillage to prevent material damage.  
0909QLK3: P501 Dispose of according to Federal, state, or local regulations. Completely drain and triple rinse container before disposal.  
P331: Do NOT induce vomiting.  
P330: Rinse mouth.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause eye irritation.

**SKIN:** Contact causes severe skin irritation and possible burns.

**INGESTION:** Harmful if swallowed.

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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Phosphoric Acid	28 - 31	7664-38-2

**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.

**NOTES TO PHYSICIAN:** Moderately corrosive agent which may burn any exposed tissue upon other than very brief contact. Eyes, skin and mucous membranes should be flushed thoroughly with water, and ophthalmologic consultation should be obtained for any corneal burns. In case of ingestion, immediate dilution with water, milk or demulcents is worthwhile, but attempts to neutralize with a base should be avoided because of excessive gas and heat formation, which may increase the threat of esphagogastric perforation. Vomiting and diarrhea (laxative effect of phosphates) are expected with large doses. Parental fluid administration may be needed if losses there from are severe, or shock ensues. Supportive care may be needed for such other complications as glottal edema, hematemesis and perforation (unlikely). Induced vomiting should be avoided because local tissue injury may be aggravated, but the patient should be watched for hyperphosphatemia and hypocalcemia. Milk or other demulcents may be worthwhile for gastric irritation.

**5. FIRE FIGHTING MEASURES**

**FIRE FIGHTING PROCEDURES:** Use any standard agent-choose the one most appropriate for type of surrounding fire.

**6. ACCIDENTAL RELEASE MEASURES**

**GENERAL PROCEDURES:** Avoid contact with eyes. Dike and contain. Evacuate area. Keep away from drains and ground water. Wear protective clothing. Mop up or pick up with wet dry vacuum into bage or other sealed container and dispose of in accordance with local, state, and federal requirements. Watch out for slippery conditions when spilled.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** KEEP OUT OF REACH OF CHILDREN

**HANDLING:** Avoid contact with eyes, skin, or clothing. Consider normal working hygiene.

**STORAGE:** Store away from oxidizers and alkalis.

**STORAGE TEMPERATURE:** Store in cool/dry area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES**

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

**ENGINEERING CONTROLS:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94)

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety glasses.

**SKIN:** Acid Resistant Gloves

**PROTECTIVE CLOTHING:** Apron, boots

## 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:** NA = Not Applicable

**APPEARANCE:** Clear

**COLOR:** Green

**PHYSICAL STATE COMMENTS:** Liquid

**pH:** 2

**PERCENT VOLATILE:** Water

**FLASH POINT AND METHOD:** No information Available

**FLAMMABLE LIMITS:** No information Available

**AUTOIGNITION TEMPERATURE:** No information Available

**VAPOR PRESSURE:** No information Available

**VAPOR DENSITY:** Greater Than Air

**BOILING POINT:** (130°F) to (158°F)

**FREEZING POINT:** No information Available

**MELTING POINT:** No information Available

**POUR POINT:** No information Available

**SOLUBILITY IN WATER:** Infinite

**EVAPORATION RATE:** No information Available

**DENSITY:** 9.90

**SPECIFIC GRAVITY:** 1.185

**VISCOSITY:** No information Available

**MOLECULAR WEIGHT:** No information Available

**(VOC):** No information Available

**OXIDIZING PROPERTIES:** No information Available

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Keep Away from Heat. Keep Containers Closed. Keep away from sparks or open flames. Other Alkalis

**POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur

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

**INCOMPATIBLE MATERIALS:** Alkalis, reacts with metals. Strong oxidizers

## 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)

**PROPER SHIPPING NAME:** COMPOUND CLEANING, LIQUID N.O.S. (Contains Phosphoric Acid)

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** 1760

**PACKING GROUP:** III

**NAERG:** 154

**BULK FREIGHT CLASS:** 70

**NOTE:** 12x1 Qt. ctns and 4x1 G ctn Ship as LTD Qty DOT E 173.154

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Phosphoric Acid	28 - 31	5,000

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Phosphoric Acid	7664-38-2

### 16. OTHER INFORMATION

**Date Prepared:** 06/02/2015

**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.