

# SAFETY DATA SHEET



Date Prepared : 06/02/2015  
SDS No : 2F.30

Mach 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Mach 1  
**GENERAL USE:** Food Service Cleaner  
**PRODUCT CODE:** 2F.30

### 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



Exclamation  
mark

**SIGNAL WORD:** WARNING

### HAZARD STATEMENTS

H302 + H312: Harmful if swallowed or in contact with skin.  
H315 + H320: Causes skin and eye irritation.  
H402: Harmful to aquatic life.

### PRECAUTIONARY STATEMENTS

#### Prevention:

P262: Do not get in eyes, on skin, or on clothing.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302+P350: IF ON SKIN: Gently wash with plenty of soap and 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.  
P335+P334: Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.  
P363: Wash contaminated clothing before reuse.

### POTENTIAL HEALTH EFFECTS

**EYES:** May cause permanent eye damage.

**SKIN:** May cause irritation, tearing and redness.

**INGESTION:** Harmful if swallowed.

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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Diphosphoric Acid, Tetrasodium Salt	28 - 32	7722-88-5
Carbonic Acid, Disodium Salt	23 - 25	497-19-8
Silicic Acid (h <sub>2</sub> sio <sub>3</sub> ), Disodium Salt	22 - 25	6834-92-0
Sodium Dichloro-s-triazinetrione	1 - 3	2893-78-9

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

**6. ACCIDENTAL RELEASE MEASURES**

**COMMENTS:** Sweep up, place in bag and properly dispose of material.

**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:** Do not store in food areas.

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

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Diphosphoric Acid, Tetrasodium Salt	TWA	NIC	(5)	NL	NL
	STEL			NL	NL
Carbonic Acid, Disodium Salt	TWA			NL	NL
	STEL			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

**PROTECTIVE CLOTHING:** Apron, boots

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**ODOR:** None

**APPEARANCE:** Granular particles

**COLOR:** White

**PHYSICAL STATE COMMENTS:** Powder

**pH:** 1% solution 12 +/- 0.5

**PERCENT VOLATILE:** No information Available

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

**FLAMMABLE LIMITS:** No information Available

**AUTOIGNITION TEMPERATURE:** No information Available

**VAPOR PRESSURE:** No information Available

**VAPOR DENSITY:** No information Available

**BOILING POINT:** No information Available

**FREEZING POINT:** No information Available

**MELTING POINT:** No information Available

**POUR POINT:** No information Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** No information Available

**DENSITY:** 50 Cu/ft

**SPECIFIC GRAVITY:** No information Available

**VISCOSITY:** No information Available

**MOLECULAR WEIGHT:** No information Available

**(VOC):** No information Available

**OXIDIZING PROPERTIES:** No information Available

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable Under Normal conditions.

**CONDITIONS TO AVOID:** Keep Containers Closed

**POSSIBILITY OF HAZARDOUS REACTIONS:** No information Available

**HAZARDOUS DECOMPOSITION PRODUCTS:** No information Available

**INCOMPATIBLE MATERIALS:** Strong acids.

## 11. TOXICOLOGICAL INFORMATION

**COMMENTS:** THIS PRODUCT HAS NOT BEEN TESTED FOR TOXICITY

## 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.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (CONTAINS SODIUM METASILICATE)

**UN/NA NUMBER:** 3262

**PACKING GROUP:** III

**BULK FREIGHT CLASS:** 70

**NOTE:** When shipped as 12x2# jars, ORM-D consumer commodity applies.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

<b>Chemical Name</b>	<b>CAS</b>
Diphosphoric Acid, Tetrasodium Salt	7722-88-5
Carbonic Acid, Disodium Salt	497-19-8
Silicic Acid (h <sub>2</sub> sio <sub>3</sub> ), Disodium Salt	6834-92-0
Sodium Dichloro-s-triazinetriene	2893-78-9

**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.