



**CRETO**<sup>TM</sup>  
Worldwide Inc.  
Permanent as the Pyramid

## SAFETY DATA SHEET

### DEEP CLEAN

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: Deep Clean  
Manufacturer: CRETO-Worldwide Inc.  
125 E. Reno Ave, Suit 1  
Las Vegas, NV 89119  
Telephone: (702) 795-7325  
Emergency Contact: (800) 424-9300  
Revision Date: 11/17/2019  
Product Use: Cleaner

#### SECTION 2 HAZARDS IDENTIFICATION

Acute Toxicity: Oral, Category 4  
Skin Corrosion/Irritation, Category 1A  
Serious Eye Damage/Eye Irritation, Category 2A



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** Harmful if swallowed.  
Causes severe skin burns and eye damage.

**GHS Precaution Phrases:** Read label before use.  
Keep out of reach of children  
Do not get in eyes, on skin or on clothing.  
Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly  
After handling. Wear protective gloves/eye protection.

**GHS Response Phrases:** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing.  
If skin irritation or rash occurs, seek medical advice/attention.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable  
for breathing.  
If experiencing respiratory symptoms: Get immediate medical advice/attention.

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**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.

Get immediate medical advice/attention.

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.

Get immediate medical advice/attention.

**GHS Storage and Disposal** Dispose of contents/container in accordance to local, state and federal regulations.

**Phrases:**

**Inhalation:** Harmful if inhaled. May cause respiratory tract irritation.

**Skin Contact:** Causes skin irritation. Substance is rapidly absorbed through the skin. Causes skin burns.

**Eye Contact:** Causes eye burns. May cause chemical conjunctivitis and corneal damage. Causes eye irritation. Causes redness and pain.

**Ingestion:** Harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

CAS#	Hazardous Components (Chemical Name)	Concentration
6834-92-0	Sodium metasilicate	< 2.0 %
112-34-5	Diethylene glycol monobutyl ether	< 5.0 %
68002-97-1	Alcohols, C10-C16, Ethoxylated	< 5.0 %
1310-73-2	Sodium hydroxide	< 5.0 %

**SECTION 4: FIRST AID MEASURES**

**Emergency and First Aid**

**Procedures:**

**In Case of Inhalation:** Remove from exposure and move to fresh air immediately. Get medical aid immediately.

**In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical aid immediately.

**In Case of Ingestion:** If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. Call a poison control center.

**Note to Physician:** Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.



## **SECTION 5: FIRE-FIGHTING MEASURES**

Flash Point: No data  
Explosive Limits: LEL: No data UEL: No data.  
Autoignition Point: No data  
Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand.

Flammable Properties and  
Hazards: No data available  
Hazardous Combustion  
Products: No data available

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Protective Precautions,  
Protective Equipment and  
Emergency Procedures:** Use proper personal protection equipment as indicated in Section 8.  
**Environmental Precautions:** Do not let this chemical enter the environment, Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section.  
**Steps To Be Taken In Case  
Material Is Released Or  
Spilled:** Provide ventilation. Do not get water on spilled substances or inside containers. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

## **SECTION 7: HANDLING AND STORAGE**

**Precautions To Be Taken In  
Handling** Do not get in eyes, on skin or on clothing. Do not ingest or inhale. Keep container tightly closed.  
**Precautions To Be Taken In  
Storing:** Store in a cool, dry, well-ventilated area away from incompatible substances. Store in a tightly closed container.

## **SECTION 8: EXPOSURE CONTRALS/PERSONAL PRETECTION**

CAS#	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6834-92-0	Sodium metasilicate	No data	No data	No data
112-34-5	Diethylene glycol monobutyl ether	No data	No data	No data
68002-97-1	Alcohols, C10-C16, Ethoxylated	No data	No data	No data
1310-73-2	Sodium hydroxide	PEL: 2 mg/m <sup>3</sup>	CEIL: 2 mg/m <sup>3</sup>	No data

**Respiratory Equipment  
(Specify Type):** Use a NIOSH/MSHA or EUROPEAN STANDARD EN 149 approved respirator if exposure limits are exceeded or if irritation or symptoms are experienced.  
**Eye Protections:** Wear chemical splash goggles.



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<b>Protective Gloves:</b>	Wear appropriate protective gloves to prevent skin exposure. Rubber or Neoprene gloves.
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Engineering Controls (Ventilation etc.):</b>	Facilities storing or utilizing this material should be equipped with eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below permissible exposure and safety practice.
<b>Work/Hygienic/ Maintenance Practices:</b>	Handle in accordance with good industrial hygiene and safety practice.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical States:</b>	<input type="checkbox"/> Gas	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Solid
<b>Appearance and Odor</b>	Pink Transparent		
<b>pH:</b>	12.00 – 14.00		
<b>Melting Point:</b>	No data		
<b>Boiling Point:</b>	No data		
<b>Flash Pt:</b>	No data		
<b>Evaporation Rate:</b>	No data		
<b>Flammability (solid, gas):</b>	No data available		
<b>Explosive Limits:</b>	LEL: No data	UEL: No data	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data		
<b>Vapor Density (vs. Air = 1):</b>	No data		
<b>Specific Gravity (Water = 1):</b>	1.034 – 1.054		
<b>Solubility in Water:</b>	No data		
<b>Octano/Water Partition Coefficient:</b>	No data		
<b>Decomposition Temperature:</b>	No data		
<b>Viscosity:</b>	No data		

## **SECTION 10: STABILITY AND REACTIVITY**

<b>Stability:</b>	Unstable <input type="checkbox"/>	Stable <input checked="" type="checkbox"/>
<b>Conditions To Avoid - Instability:</b>	Incompatible materials, ignition sources	
<b>Incompatibility – Materials To Avoid:</b>	Strong oxidizing agents, Strong acids	
<b>Hazardous Decomposition or Byproducts:</b>	oxides of phosphorus, Toxic fumes of sodium oxide, Carbon monoxide	
<b>Possibility of Hazardous Reactions:</b>	Will occur <input type="checkbox"/>	Will not occur <input checked="" type="checkbox"/>
<b>Conditions To Avoid -</b>	No data available	



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## Hazardous Reactions

### SECTION 11: TOXICOLOGICAL INFORMATION

#### **Toxicological Information:**

Epidemiology: No data available  
Teratogenicity: No data available  
Reproductive Effects: No data available  
Mutagenicity: No data available  
Neurotoxicity: No data available

#### **Irritation or Corrosion:**

Other Studies: CAS# 1310-73-2  
Acute toxicity, LD50, Oral, Mouse, 5800mg/kg. Other Studies:

CAS# 1310-73-2 Standard Draize Test, Eyes, Species: Rabbit, 400.0 ug

Other Studies: CAS# 6834-92-0:  
Acute toxicity, LD50, Oral, Rat, 1000 mg/kg

Other Studies: CAS# 6834-92-0  
Standard Draize Test, Skin, Species: Rabbit, 250.0 mg, 24H  
Other Studies: CAS# 112-34-5:  
Standard Draize Test, Eyes, Species: Rabbit, 20.0 mg, 24H

Other Studies: CAS# 112-34-5:  
Acute Toxicity, LD50, Oral, Rat, 5660 mg/kg

#### **Carcinogenicity/Other**

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.



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<b>Carcinogenicity:</b>	<b>NTP? No</b>	<b>IARC Monographs? No</b>		<b>OSHA Regulated? No</b>	
<b>CAS#</b>	<b>Hazardous Components (Chemical Name)</b>	<b>NTP</b>	<b>IARC</b>	<b>ACGIH</b>	<b>OSHA</b>
6834-92-0	Sodium metasilicate	n.a.	n.a.	n.a.	n.a.
112-34-5	Diethylene glycol monobutyl ether	n.a.	n.a.	n.a.	n.a.
68002-97-1	Alcohols, C10-C16, Exthoxylated	n.a.	n.a.	n.a.	n.a.
1310-73-2	Sodium hydroxide	n.a.	n.a.	n.a.	n.a.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **General Ecological Information:**

Environmental: No information available  
Physical: No information available

### **Results of PBT and vPvB assessment:**

CAS# 6834-92-0: Sodium metasilicate: LC50, Zebra Danio (Danio rerio) 210.0 mg/l, 96 H.

Other Studies: CAS# 1310-73-2:

LC50, Common Shrimp, Sand Shrimp (Crangon crangon), adult(s), 33000 – 100000 ug/L, 48H, Mortality

LC50, Western Mosquitofish (Gambusia affinis), adult(s), 125000 ug/L,

96H, Mortality

LC50, Cockle (Cerastoderma edule), adult(s) 330000 – 1000000 ug/L 48H, Mortality

96H, Mortality

Other Studies: CAS# 112-34-5

LC50, Water Flea (Daphnia magna), 2850 mg/l, 24 H Intoxication

LC50, Carp (Leuciscus idus ssp. Melanotus), 1805 mg/l, 48 H, Mortality

No data available

### **Persistence and Degradability:**

### **Bioaccumulative Potential:**

No data available

### **Mobility in Soil:**

No data available

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **Waste Disposal methods:**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the Classification determination are listed in 40 CFR Pars 261. Additionally, Waste generators must consult state and local hazardous waste hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service dispose of this material.



**SECTION 14: TRANSPORTATION INFORMATION**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name:** Not Regulated  
**DOT Hazard Class:**  
**UN/NA Number:**

**SECTION 15: REGULATORY INFORMATION**

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS#	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 (RQ)	S. 313 (TR)
6834-92-0	Sodium metasilicate	No.	No.	No.
112-34-5	Diethylene glycol monobutyl ether	No.	No.	No.
68002-97-1	Alcohols, C10-C16, Ethoxylated	No.	No.	Yes-Cat. N230
1310-73-2	Sodium hydroxide	No.	Yes 1000 LB	No.

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Acute (immediate) Health Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Reactive Hazard

CAS#	Hazardous Components (Chemical Name)	Other US EPA or State Lists
6834-92-0	Sodium metasilicate	CWA NPDES: No; TSCA: Yes – Inventory; CA Prop 65; No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
112-34-5	Diethylene glycol monobutyl ether	CWA NPDES: No; TSCA: Yes – Inventory; CA Prop 65; No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: Yes – CAT; NJ EHS: Yes –CAT; NY Part 597: No; PA HSL: Yes – C
68002-97-1	Alcohols, C10-C16, Ethoxylated	CWA NPDES: No; TSCA: Yes – Inventory; CA Prop 65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
1310-73-2	Sodium hydroxide	CWA NPDES: No; TSCA: Yes – Inventory; CA Prop 65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NJ EHS: No; NY Part 597: Yes; PA HSL: Yes - E



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## **SECTION 16 OTHER INFORMATION**

**Revision Date:** 03/11/2020

**Additional Information About This Product:** No data available

**Company Policy or**

**Disclaimer:**

While CRETO-Worldwide believes the statements set forth herein are forth herein are accurate as of the date hereof, CRETO-Worldwide makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.