

**SAFETY DATA SHEET**

Issue date: September 5<sup>th</sup>, 2017

CIP Brite

SDS No: 56 Page 1.

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: CIP Brite  
 Product Code: 056  
 Product Description: Liquid Alkaline Detergent  
 Manufactured by: Enviro-Brite Solutions, LLC  
 Address: 5606 F-41  
 Telephone Number: 989-387-2758 8:00 am – 5:00 pm  
**EMERGENCY TELEPHONE NUMBER: 989-387-2758 24 hours**



**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous component	Cas No.	% by wt.	OSHA PEL	ACGIH TLV	NIOSH REL
2 - Phosphonobutane-1, 2 4 - Tricarboxylic Acid (PBTC)	37971-36-1		4-8	None	None
* Sodium Hydroxide	1310-73-2		25-35	2mg/m3	2mg/m3 ceiling

Asterisked ingredients are those considered hazardous according to the criteria of OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200). Other ingredients are listed for informational purposes at assist medical response personnel.

**3. HAZARDS IDENTIFICATION**

Emergency Overview	Causes severe burns. Can cause Permanent eye damage, including blindness
Potential Health Effects	Listed below.
Ingestion	Corrosive. Causes burns to mouth, throat & stomach.
Inhalation	May cause irritation and corrosive effects to nose, throat & respiratory tract.
Eye contact	Corrosive. Causes permanent eye damage, including blindness.
Skin Contact	Corrosive. Causes permanent skin damage if absorbed.

**4. FIRST AID MEASURES**

INGESTION	If swallowed, rinse mouth, drink several glasses of water or milk. Then Immediately contact a physician or Poison Center. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
INHALATION	If breathing is affected, remove to fresh air. Get medical attention immediately.
EYE CONTACT	Immediately flush eye with plenty of cool, running water. Use buffered eye solutions if available. Remove contact lenses if applicable, and continue flushing for at least 15 minutes, holding eyelids apart to ensure thorough rinsing of entire eye. Get medical attention immediately.
SKIN CONTACT	Flush skin with plenty of warm running water for 15-20 minutes. Neutralize with vinegar or lemon juice. If irritation develops or persists, get medical attention. Remove contaminated clothing and shoes; wash before reuse.
NOTE TO PHYSICIAN	Information pertaining to ingestion toxicology, therapy, symptomatology and treatment can be found in <u>Commercial Clinical Toxicology of Products</u> , authored by Gosselin, Smith and Hodge and published by Williams & Wilkins, Baltimore, Maryland. See listing for Strong Alkalines in Therapeutics Index, Section III.

**5. FIRE FIGHTING MEASURES**

Flash Point / Method	None / N.A.	Flammable Limits	Not flammable or Combustible
Extinguishing Media	Use dry chemical, Co2, water spray or Alcohol Foam		
Special Fire Fighting Procedures	None.		
Fire and Explosion Hazards	None.		

**6. ACCIDENTAL RELEASE MEASURES**

Small Spills: Flush to sanitary sewer. Mop up residual and rinse area thoroughly with water.  
 Large Spills: Dike or dam spill. Soak up with earth, sand or other inert absorbent material.

**7. HANDLING AND STORAGE**

Handling Precautions	Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before reuse. Wash thoroughly after handling. Product residue may remain on or in empty containers. Handle empty containers with same precautions. For industrial and institutional use only. Keep container tightly closed when not in use.
Storage Precautions	Protect from freezing. Store upright in a cool dry place. Keep out of reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Hygienic Practices	Observe label precaution. Handle in accordance with good industrial hygiene.
Engineering Controls	Provide adequate ventilation to maintain worker exposure below exposure limits. Local exhaust is suggested for use, where possible, in enclosed spaces.

Occupational Exposure Limits

Ingredients	ACGIH	OSHA
Sodium Hydroxide	2 mg/m3 ceiling	2 mg/m3 TWA

## Personal Protective Equipment

*	<b>Respirator</b>	Not necessary if well ventilated.
*	<b>Goggles/face shield</b>	Required. Goggles should be chemical splash type.
*	<b>Apron</b>	Required to protect skin and clothing
*	<b>Gloves</b>	Required. PVC, Neoprene or Nitrile acceptable
*	<b>Boots</b>	Required, must be chemical resistant type

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Straw colored liquid	<b>Boiling Point</b>	Not determined
<b>Odor</b>	organic	<b>Freezing Point</b>	Not established
<b>PH</b>	13.65	<b>Vapor Pressure</b>	Not established
<b>Specific Gravity</b>	1.43 lb/gal	<b>Vapor Density</b>	Not established
<b>Solubility in Water</b>	Complete	<b>Evaporation Rate</b>	Not determined
<b>VOC content</b>	None		

**10. STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Do not mix with anything but water.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong acids &amp; strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: None expected

HAZARDOUS POLYMERIZATION: Will not occur

**11. TOXICOLOGICAL INFORMATION**

## Carcinogenicity

	This product contains a known or suspected Carcinogen.
X	This product does not contain any known or anticipated carcinogens according to the criteria Of the NTP annual report on carcinogens and OSHA 29 CFR 1910, Z

## Other Effects

Acute	None known.
Chronic	May cause damage to the following organs: Lungs, upper respiratory tract , skin, eye, lens or cornea.

**12. ECOLOGICAL INFORMATION**

Biodegradability	X	<b>Considered Biodegradable</b>		
BOD Value			Not established	
Ecotoxicity			No data available	

**13. DISPOSAL CONSIDERATIONS**

Waste Disposal Method	Empty containers may be triple rinsed, then offered for recycling or disposed of in a sanitary landfill.
RCRA Classification	Hazardous D002

Container is a recyclable LDPE plastic

**14. TRANSPORT INFORMATION**

Regulatory Information	UN number	Proper Shipping name	Class	Packing Group	Additional Information
Dot Classification	UN1824	Sodium hydroxide Solution	8	II	Limited quantity Yes. Special provisions B2, IB2, N34, T7, TP2

**15. REGULATORY INFORMATION**

## Regulatory Status

<b>EPA Registered</b>	<b>None</b>
<b>FDA Regulated</b>	<b>None</b>
<b>Kosher</b>	<b>None</b>
<b>SARA Title III Material</b>	<b>None</b>
<b>NSF Registered</b>	<b>None</b>
<b>EPA / DFE System (WHMIS)</b>	<b>None</b>

**16. OTHER INFORMATION**

## NFPA Classification

3	Blue	Health Hazard
0	Red	Flammability
0	Yellow	Reactivity
--	White	Special Hazard

This information refers only to the specific material designated and does not relate to the involving of other material. This information is based on data believed to be reliable, and the Product is intended to be used in the manner that is customary and reasonable. Since actual use and handling is beyond our control, no warranty, express or implied, is made and no liability is assumed by Enviro-Brite Solutions LLC in connection with the use of this information.