

SAFETY DATA SHEET



Date Prepared : 06/03/2015

SDS No : 1L.40

Date Revised : 06/09/2015

Revision No : 1

Centraz pH Plus

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Centraz pH Plus
GENERAL USE: Laundry Break
PRODUCT CODE: 1L.40
PRODUCT FORMULATION NAME: Proprietary
CHEMICAL FAMILY: Alkaline

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 Irritation, Category 1
 Skin Irritation, Category 1

GHS LABEL



Corrosion

Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.
 H290: May be corrosive to metals.
 H305: May be harmful if swallowed and enters airways.
 H312: Harmful in contact with skin.
 H317: May cause an allergic skin reaction.
 H318: Causes serious eye damage.
 H402: Harmful to aquatic life.

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.
 P281: Use personal protective equipment as required.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor
 P302+P352: IF ON SKIN: Wash with plenty of water/...
 P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P306+P360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

P362: Take off contaminated clothing.

POTENTIAL HEALTH EFFECTS

EYES: May cause permanent eye damage.

SKIN: May cause irritation, tearing and redness.

INGESTION: Aspiration hazard: Harmful or fatal if swallowed.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hydroxide	40 - 50	1310-73-2
Potassium Hydroxide	10 - 20	1310-58-3

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

GENERAL PROCEDURES: Avoid contact with eyes. Dike and contain. Keep away from drains and ground water. Watch out for slippery conditions when spilled.

SPECIAL PROTECTIVE EQUIPMENT: Wear protective clothing.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: KEEP OUT OF REACH OF CHILDREN

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

COMMENTS: Store Upright.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
			EXPOSURE LIMITS		
			OSHA PEL		Supplier OEL
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Sodium Hydroxide	TWA		2	NL	NL
	STEL			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

ODOR: None

COLOR: Clear

PHYSICAL STATE COMMENTS: Liquid

pH: 13.5

Notes: 1% solution 12 +/- 0.5

PERCENT VOLATILE: 50

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: (212 °F)

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: 10.46 lbs/gallons

SPECIFIC GRAVITY: 1.25

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: Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead & zinc.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen gas may be released when exposed to high temperatures.

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. Contaminated Packaging.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Contains Potassium and Sodium Hydroxide)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: 3266

PACKING GROUP: III

NAERG: 154

BULK FREIGHT CLASS: 70

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Sodium Hydroxide	40 - 50	1,000
Potassium Hydroxide	10 - 20	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Sodium Hydroxide	1310-73-2
Potassium Hydroxide	1310-58-3

16. OTHER INFORMATION

Date Revised: 06/09/2015

REVISION SUMMARY: This SDS replaces the 08/26/2014 SDS. Revised: **Section 14:** DOT (DEPARTMENT OF TRANSPORTATION) (UN/NA NUMBER).

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.