

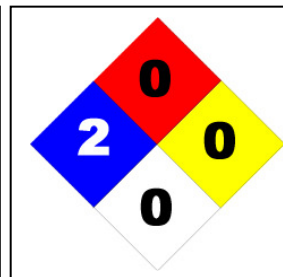


SAFETY DATA SHEET
 (Complies with 29 CFR 1910.1200 GHS standard)

SECTION I - IDENTIFICATION

KC Chemicals
 5500 State Park Road
 Travelers Rest, SC 29690
 (864) 834-2562

PRODUCT NAME: HI pH Presoak
 PRODUCT CODE:
 CHEMICAL NAME: N/A
 CAS #: N/A
 MIXTURE (X) SINGLE SUBSTANCE ()



SECTION II – HAZARD IDENTIFICATION

CORROSIVE and IRRITANT

NFPA: Health – 2, Flammability – 0, Reactivity – 0, Special - 0

SECTION III – COMPOSITION AND INGREDIENT INFORMATION

MATERIAL OR COMPONENT	%	CAS #	HAZARD DATA
Sodium Hydroxide	<20%	7732-18-5	2 mg/m ³ NIOSH
Ethylene Glycol Monobutyl Ether	<10%	111-76-2	None established

SECTION IV – FIRST AID MEASURES

Inhalation: Immediately remove victim to breath fresh air, provide oxygen if is necessary.

Contact: Eyes.- Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention immediately.
 Skin.- Immediately flush skin with plenty of soap and water, rinse with water while removing contaminated clothing. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting. If victim is conscious and able to swallow, promptly have victim drink large amounts of water to dilute, followed by two glasses of milk. Never give anything by mouth if the victim is unconscious or having convulsions. Call a physician immediately.

SECTION V – FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED): >200°F estimated
 FLAMMABILITY LIMITS: LEL UEL
 EXTINGUISHING MEDIA: Water Fog, Dry Chemical or Alcohol Foam
 SPECIAL FIRE FIGHTING PROCEDURES: None
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE PROCEDURES: Small spills may be flushed with a large volume of water into the sewer system. Larger spills should be diked, absorbed on non-combustible absorbent such as kitty litter and then cover with bicarbonate of soda or an equal mixture of soda ash and slaked lime. Collect in a suitable container for disposal in accordance with appropriate regulations. Releases into surface waters may cause conspicuous foaming.

WASTE DISPOSAL METHOD: Collect in a suitable container and dispose of in accordance with local, state and federal regulations. Small spills may be absorbed on an appropriate media and disposed of in a landfill.

SECTION VII – HANDLING AND STORAGE

HYGIENE PRACTICES IN HANDLING AND STORAGE: Inside storage that is dry and well ventilated. Do not store adjacent to oxidizing substances, common metals, alkali or active metals. Follow all recommended handling practices.

OTHER PRECAUTIONS: None

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Goggles or glasses and face shield
RESPIRATORY PROTECTION: Acid approved vapor mask
SKIN PROTECTION: Rubber gloves
OTHER PROTECTION: Splash resistant apron
VENTILATION RECOMMENDATION: Do not use in closed, unventilated spaces.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 212°F
SPECIFIC GRAVITY: 1.030
VAPOR PRESSURE: N/A
PERCENT VOLATILE BY VOLUME: >60%
VAPOR DENSITY: N/A
EVAPORATION RATE (H₂O = 1): NA
SOLUBILITY IN WATER: Complete
APPEARANCE AND ODOR: Water thin water white clear liquid with sweet odor.
pH AS RECEIVED: 12.0 – 13.5 ± 0.5

SECTION X – STABILITY AND REACTIVITY

STABILITY: STABLE: X UNSTABLE:
CONDITIONS TO AVOID: None
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing substances, common metals, alkali or active metals, sulfides and sulfites which can form toxic gases in combination with this product.
HAZARDOUS DECOMPOSITION PRODUCTS: H₂ gas is generated in contact with reactive metals such as aluminum, zinc and magnesium.
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR:X

SECTION XI – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: 2 mg/m³ NIOSH as 100% NaOH

SECTION XII – ECOLOGICAL INFORMATION

Toxicity and Aquatic Toxicity: NA

SECTION XIII – DISPOSAL CONSIDERATIONS

SPILL RESPONSE PROCEDURES: Small spills may be neutralized and flushed into the sewer. Large spills should be contained by dikes and absorbed on appropriate media and/or collected in suitable containers.

WASTE DISPOSAL METHOD: All chemical spills should be disposed as per federal, state and local laws and regulations. In most cases, spills of this material collected or absorbed should be acceptable for ordinary sanitary land filling.

SECTION XIV – TRANSPORT INFORMATION

DOT Corrosive
UN 1760, Corrosive Liquid, NOS (contains Sodium Hydroxide), 8, III
ERG #154

SECTION XV – REGULATORY INFORMATION

Formulated Cleaning Chemical – Not Regulated

SECTION XVI – OTHER INFORMATION

The information and recommendations contained herein are to the best of KC CHEMICALS Inc.'s knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for their own use of the product described herein. Since the actual use of this product is beyond the control of KC CHEMICALS Inc., no guarantee, expressed or implied, is made by KC CHEMICALS Inc.

PREPARED BY: Ken Carter

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SUPERSEDES: 29 September 2015

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