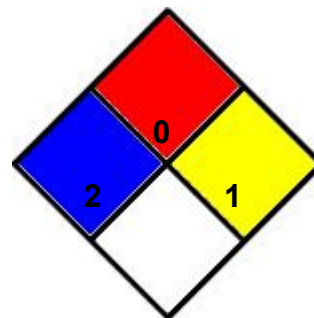


MATERIAL SAFETY DATA SHEET

NON-PHOSPHATE CLEANER (LIQUID ALKALINE CLEANER)

COMPANY IDENTIFICATION

MANUFACTURER: Chem-Tech
400 Ternes Dr.
Random Lake, WI 53075



INFORMATION PHONE: 920-994-2299
EMERGENCY: 1-866-998-7328
HMIS: **HEALTH:** 3 **FLAMMABILITY:** 0 **REACTIVITY:** 1 **PROTECTIVE:** G

SECTION I - PRODUCT IDENTIFICATION

PRODUCT: NON-PHOSPHATE CLEANER (LIQUID ALKALINE CLEANER)

PREPARED BY: Jason Sprang

DATE PREPARED: 11/6/2005

LAST REVISION: 9/1/2010

HAZARD CLASS: NON-REGULATED MATERIALS

UN:

PACKING:

GUIDE NUMBER:

SHIPPING:

SECTION II - HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>%</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
NON-REGULATED MATERIALS	100			

SECTION III - PHYSICAL CHARACTERISTICS

BOILING POINT: 212°F

SPECIFIC GRAVITY (H₂O = 1): 1.2

VAPOR PRESSURE: N/A

MELTING POINT: N/A

EVAPORATION: N/A

VAPOR DENSITY: N/A

pH: 10.3

APPEARANCE AND ODOR: Clear Liquid, Odorless

SECTION IV - FIRE/EXPLOSION

FLASH POINT: N/A

FLASH POINT METHOD USED: N/A

LEL: 0

UEL: 0

EXTINGUISHING MEDIA: Use media which is safe for surrounding fire.

SPECIAL FIRE FIGHTING: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION V - REACTIVITY DATA

STABLE: Stable

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: Strong acids, steam, hot water, and oxidizing agents

HAZARDOUS POLYMERIZATION: None

SECTION VI - HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS:

EYE CONTACT: Irritating to eyes.

INHALATION: Irritating to the nose, throat, and respiratory tract.

INGESTION: May be harmful if ingested.

SKIN CONTACT: This substance is Irritating to the skin.

SIGNS AND SYMPTOMS OF EXPOSURE: Shortness of breathing, confused behavior, redness of skin, swelling of tissues, watery eyes, nausea.

AGGRAVATED MEDICAL CONDITIONS: N/A

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

INHALATION: Remove to fresh air. Monitor patient and call emergency personnel if necessary.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Ventilate area of leak or spill. Clean-up personnel require protective clothing and respiratory protection from dust. Only specially trained or qualified personnel should handle the emergency.

WASTE DISPOSAL METHOD: The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

OTHER PRECAUTIONS: N/A

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: A NIOSH approved dust mask is required when using this product. A NIOSH approved dust mask is required when using this product. However, if mixing this product with other materials, hazardous gasses may be released. Use of a NIOSH approved Multigas respirator with a HEPA filter is strongly recommended.

VENTILATION: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits.

PROTECTIVE GLOVES: Wear chemical protective gloves.

EYE PROTECTION: Safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE CLOTHING: N/A

WORK / HYGENIC: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.