



MATERIAL SAFETY DATA SHEET
EMERGENCY PHONE NO. INFOTRAC 800-535-5053

Hazard Ratings		Health	1
4-Extreme	1-Slight	Fire	0
3-High	0-Insignificant	Reactivity	0
2-Moderate	X-See Text	Specific	X

MFG/DIST: L & C ENTERPRISES, LMA REVISIED OCT. 14, 2011
2357 HIGHWAY 53
POPLARVILLE, MS 39470
PHONE NUMBER: 601-795-4147

SECTION 1: IDENTIFICATION

PRODUCT NAME: **PRESOAK PART # E550**

SECTION 2: HAZARDOUS INGREDIENTS

NAMES OF HAZARDOUS INGREDIENTS: See CFR29 1910.1200 (i)-(13)
CHEMICAL/Common Name CAS# PERCENTAGE PEL-OSHA TLV-ACGIH
2 Butoxy Ethanol (Skin) 111-73-2 >1 50 PPM 25 PPM
Sodium Hydroxide 1310-73-2 >1 2mg/3mg 2mg/m3
THIS PRODUCT HAS NO CARCINOGENS (NTP, IARC, OSHA):

SECTION 3: HEALTH HAZARD DATA

HEALTH EFFECTS (Acute and Chronic):
ACUTE a) Eyes---Can cause irritation. b) Skin---Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. c) Inhalation--Breathing of dust or mist can cause mild to severe irritation of nasal/respiratory passages. d) Ingestion---Can cause gastro-intestinal irritation, nausea, vomiting and diarrhea. CHRONIC Overexposure to glycol ethers (in its pure state) has been found to cause anemia liver abnormalities, kidney damage, lung damage and blood abnormalities in laboratory animals.
PRIMARY ROUTES OF ENTRY: a) Skin b) Inhalation
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.
EMERGENCY FIRST AID PROCEDURES: a) Skin--Immediately flush skin with lots of running water for at least 30 minutes. Remove contaminated clothing and shoes. Wash before reuse. b) Eyes--Flush with large amounts of water, lifting upper and lower lips occasionally for at least 15 minutes. Consult Physician. c) Inhalation--If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention. d) Ingestion--Do not induce vomiting. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.

SECTION 4: CHEMICAL DATA

BOILING POINT (F).....: >212 SPECIFIC GRAVITY (WATER=1).....: 1.03
VAPOR PRESSURE (mmHg): < 20 PERCENT VOLATILE BY VOLUME (%): 80.00
VAPOR DENSITY (AIR=1)..: 0.6 EVAPORATION RATE (WATER=1).....: 1
SOLUBILITY IN WATER: Soluble in water.
APPEARANCE AND ODOR INFORMATION: Green liquid with ethereal odor.

SECTION 5: PHYSICAL HAZARD DATA

FLASH POINT (Method Used): None FLAMMABLE LIMITS: LEL=N/A UEL=N/A
EXTINGUISHING MEDIA: Not considered a fire hazard. SPECIAL FIRE FIGHTING PROCEDURES: None.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None INCOMPATIBILITY (Material To Avoid): Avoid contact with acids and strong oxidizers such as permanganate, chlorine, etc. HAZARDOUS DECOMPOSITION PRODUCTS: None HAZARDOUS POLYMERIZATION WILL NOT OCCUR. THIS PRODUCT IS STABLE.

SECTION 6: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb the large spill on suitable absorbent. Wash the residue down the Drain or pit with plenty of water. Small spills can be flushed down the drain with plenty of water.
WASTE DISPOSAL METHODS: Dispose of according to local, state and federal regulations for biodegradable detergents.

SECTION 7: EXPOSURE CONTROL INFORMATION

VENTILATION:
LOCAL EXHAUST: Below TLV(s) MECHANICAL (General): Explosion Proof.
SPECIAL.....: N/A OTHER.....: N/A
RESPIRATORY PROTECTION: An appropriate NIOSH approved hydrocarbon canister or respirator for organic vapor should be worn if needed. PROTECTIVE GLOVES: Wear - resistant gloves such as nitrile rubber, PVC, etc.
OTHER PROTECTIVE EQUIPMENT: Eye wash fountain and quick drench facilities.
OTHER ENGINEERING CONTROLS: None Known.
WORK PRACTICES: Eye wash fountain and safety shower should be easily accessible. Discard properly such items as rags and trash soaked with the product. Provide adequate ventilation. HYGIENIC PRACTICES: Avoid contact with eyes, skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and wash thoroughly before reuse.

SECTION 8: SPECIAL PRECAUTION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- a) Do not store under freezing conditions or above 120 degrees F.
- b) Protect from physical damage and keep tightly closed.
- c) Do not store near acids or acidic materials and oxidizers.

MAINTENANCE PRECAUTIONS: When working with FLAMMABLE material electrically ground all equipment and use only non-sparking tools.

OTHER PRECAUTIONS: Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings.

SHIPPING INFO, UN/NA #'s, Secondary container label INFO NECESSARY OR SUGGESTED.
COMPOUNDS, CLEANING LIQUID, 8, UN 1760, PGII, CORROSIVE (Sodium Hydroxide).

KEEP OUT OF THE REACH OF CHILDREN