

Lemon Essex

SECTION I

HARVARD CHEMICAL RESEARCH

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SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK
SODIUM HYDROXIDE	1310-73-2	2mg/m ³	2mg/m ³	N/D	*

SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >212°F
Vapor Pressure (mm Hg): 18
Vapor Density (Air=1):> 1
Solubility in Water: COMPLETE

Appearance and odor: Clear Brown liquid with lemon odor.
Specific Gravity (H2O=1): 1.45
Melting Point: N/D
Evaporation Rate:(Butyl Acetate=1) <1

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NONE
Extinguishing Media: N/A.
Special Fire Fighting Procedures:
Do not enter confined fire area without proper protective equip including a NIOSH approved self-contained breathing apparatus.
Explosion Hazards: NONE

Flammable Limits: LEL: N/A UEL: N/A

SECTION V-REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Oxidizers or strong acids.
Hazardous Decomposition or Byproducts: Heat, carbon dioxide, and carbon monoxide.
Hazardous Polymerization: Will not occur.

SECTION VI-HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): NONE KNOWN
Routes of Entry, Signs of Exposure, and Symptoms of Exposure:
SKIN and EYES: Irritant to eyes and skin
INHALATION: Drowsiness and Narcosis
INGESTION: Gastric pain and vomiting.
Medical Conditions Generally Aggravated by Exposure: Unknown
Carcinogenic: NONE
Emergency and First Aid Procedures:
SKIN & EYE CONTACT: Rinse skin with clear water.
For eye contact immediately flush with clear running water for 15 minutes. Get medical attention.
INHALATION: Remove to fresh air. If breathing does not return to normal, get medical attention.
INGESTION: Immediately drink large quantities of water. Get medical attention.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS: PH adjustment and dispose in accordance with state and federal regulations.
Handling and Storing: Keep container closed when not in use. Do not freeze. Follow label instructions.
Other Precautions: Keep this and all chemicals out of the reach of children.

SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): For exposure above established limits (see section II) use NIOSH/MSMA approved dust/mist mask.
Ventilation: Mechanical: Recommended.
Protective Gloves: Rubber or neoprene.
Eye Protection: Safety Glasses
Other Protective Clothing or Equipment: Drenching safety shower and eye wash station.

SECTION IX-ADDITIONAL INFORMATION