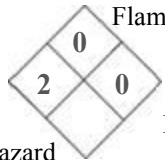


MATERIAL SAFETY DATA SHEET

Manufactured by: **UltraMax**
Chemical Company
42400 Winchester Rd.
Temecula, CA. 92590
(888) 726-9826

Product Name: ENER-DET

24-HOUR EMERGENCY PHONE # 1-800-255-3924 (CHEMTEL INC.)

Health  Flammability 0
Special Hazard 0 Reactivity 0
NFPA Hazard Rating*

I. IDENTIFICATION

Chemical Name & Synonyms: Ener-Det **DOT Shipping Name:** <blank>
Chemical Family: Low Temp Dish machine Detergent **DOT Hazard Class & I.D. Number:** <blank>

II. HAZARDOUS INGREDIENTS

COMPONENT	CAS NO.	%	TLV	PEL	TOXIC	HAZARD
KOH Potassium Hydroxide		N/A	2MG/M3	CL2 MG/M3		
Sodium Hydroxide	1310-58-3	<10%	2mg/m3	N/A		

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

NA: Not Applicable NE: Not Established

III. PHYSICAL DATA

Boiling Point: >212°F **Form:** Liquid
Specific Gravity: 1.224 **Solubility In Water:** 100%
Appearance: Clear **Odor:** Bleach

IV. FIRE & EXPLOSION HAZARD DATA

Flashpoint: >212°F
Extinguishing Media: Water Spray, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fighting Procedures: Firefighters should wear a positive pressure NIOSH approved self-contained breathing apparatus.
Unusual Fire & Explosion Hazards: Containers exposed to heat from fires should be cooled with water fog to prevent container rupture

V. HEALTH HAZARD DATA

Carcinogenic: None
Effects of Over-Exposure:
Eyes: This product is destructive to eye tissues. Will cause burns that result in damage to the eyes and even blindness if the solution remains in contact with eye.
Skin: Contact with concentrate solution will result in dry skin. Prolonged or repeated contact may cause irritation or possible tissue damage.
Skin Absorption: A single prolonged exposure may result in absorption of toxic amounts of the product.
Ingestion Symptoms: Swallowing will irritate throat, esophagus and digestive tract. Product may cause burns to mucous membranes of the mouth, throat, esophagus and stomach.
Inhalation Symptoms: Mists/ vapors may cause damage to the upper respiratory tract and even to the lung tissue. If the product is heated, vapors are acutely toxic if inhaled.
Chronic Effects: Respiratory tract tissue damage may result in increased susceptibility to respiratory illness. Excessive inhalation exposure may result in liver and kidney injury.

It is important to determine whether exposure is to concentrated or dilute product. The information in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein.
Emergency and First Aid Procedures:
Eyes and Skin: if in contact flush with water for 15 min. If irritation persists seek medical Attention.
Inhalation : If discomfort remove to fresh air. If breathing is difficult seek medical attention.
Ingestion: If ingested, do NOT induce vomiting. Give moderate amounts of water to wash out mouth area and dilute remaining residue. Seek medical attention.

* NFPA/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

Continued On Back

Product Name: ENER-DET

VI. REACTIVITY DATAStability : Unstable ☐ Stable ☒

Conditions To Avoid: Extreme Heat

Incompatibility:
(Materials To Avoid) None

Hazardous Decomposition Products: Oxides of carbon and nitrogen

Hazardous Polymerization: Will not Occur

VII. SPILL OR LEAK PROCEDURES**Steps To Be Taken In Case Material Is Released Or Spilled:** **Large Spills** (55 gallons or more) Wear Rubber boots, gloves and appropriate protective clothing. Shut off source of leak if safe to do so. Dike and contain spill.
Small Spills Mop up spill and rinse area.**Waste Disposal Method:** Dispose of waste in accordance with federal, state and local regulations.**VIII. SPECIAL PROTECTION INFORMATION****Respiratory Protection:** NONE**Ventilation:** Local exhaust**Protective Gloves Eye Protection:** Rubber Gloves , Safety Glasses**Protection Clothing:** NONE**IX. SPECIAL PRECAUTIONS****Precautions To Be Taken In Handling And Storing:** Store away from food. Keep out of reach of children. Follow appropriate hygiene practices.**Other Precautions:** Keep containers tightly closed. Store in a cool, dry place.**X. REVISED INFORMATION****MSDS Status:**

The opinions expressed herein are those of qualified experts within UltraMax Chemical Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of UltraMax Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.