



# MATERIAL SAFETY DATA SHEET

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

**Manufacturer Information:** L & C Enterprises, L. M. A.  
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## SECTION 1: IDENTIFICATION

PRODUCT NAME: **BUG AWAY** **CAE270**

## SECTION 2: HAZARDOUS INGREDIENTS

NAMES OF HAZARDOUS INGREDIENTS: See CFR29 1910.1200 (i)-(13)

CHEMICAL/Common Name	CAS#	PERCENTAGE	PEL-OSHA	TLV-ACGIH
Sodium Hydroxide	1310-73-2	>1	2mg/m3	2mg/m3

**THIS PRODUCT HAS NO CARCINOGENS (IARC, OSHA, IARC)**

## SECTION 3: HEALTH HAZARD DATA

HEALTH EFFECTS (Acute and Chronic): **ALKALINE SUBSTANCE**

### ACUTE

- a) Eyes---Can cause severe irritation, redness, tearing, or blurred vision.
- 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 gastronomies-intestinal irritation, nausea, vomiting and diarrhea.

### CHRONIC

Overexposure to glycol ethers (in it's 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 immediately with large quantities of running water 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):	: 1.040
VAPOR PRESSURE (mmHg):	< 20	PERCENT VOLATILE BY VOLUME (%)	>80.00
VAPOR DENSITY (AIR=1):	0.6	EVAPORATION RATE (WATER=1).....:	1
This product is 100%:	Soluble		
APPEARANCE AND ODOR INFORMATION:		Yellow liquid with plasticise odor.	

**SECTION 5: PHYSICAL HAZARD DATA**

FLASH POINT (Method Used): None  
EXTINGUISHING MEDIA: N/A  
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A  
INCOMPATIBILITY (Material to avoid): Avoid contact with acids and strong oxidizers such as permanganate, chlorine, ectoderm.  
HAZARDOUS DECOMPOSITION PRODUCTS: None  
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.  
CONDITIONS TO AVOID FOR POLYMERIZATION: N/A  
CONDITIONS TO AVOID FOR STABILITY: N/A 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**

**ALKALINE PRODUCT**

VENTILATION:  
LOCAL EXHAUST: Below TLV(s)  
SPECIAL.....: N/A  
MECHANICAL (General): 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 nitrification rubber, PVC, etc.  
OTHER PROTECTIVE EQUIPMENT: Eye wash 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.  
d) Containers marked Compounds cleaning liquid, 8, NA 1760 Corrosive.

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, NA:1760, PG II, CORROSIVE (Sodium & Potassium Hydroxide).

**KEEP OUT OF THE REACH OF CHILDREN**