

ETOWAH CHEMICAL
SALES & SERVICE
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GADSDEN, AL 35904-0416
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N. F. P. A.
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

HEALTH	3
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	C

Material Safety Data Sheet

24 Hour Emergency Telephone Number: (800) 535-5053

SECTION I - IDENTIFICATION

Product Name	Liquid Dynamite Degreaser	Date Prepared	August 2009
Chemical Family	BIODEGRADABLE ALKALINE DETERGENT	Item Number	ETC-1379
D.O.T. Shipping Name	Corrosive liquid, n.o.s.,		
D.O.T. Hazard Classification	8, UN 1760, PG II, (contains Sodium hydroxide)		

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
< 2.0	SODIUM HYDROXIDE	2mg/m3	500	1310-73-2
< 6.0	2 BUTOXYETHANOL*	25 ppm	25 ppm	111-76-2
<3.0	SODIUM METASILICATE	15 ppm	10 ppm	6834-92-0
	ITEMS MARKED* ARE SARA TITLE III SEC 313 REPORTABLE			
	Balance non-hazardous ingredients			

SECTION III - PHYSICAL DATA

Boiling Point	215 DEG. F	pH (Conc.)	13.5
Solubility In Water	COMPLETE	pH (Use Dilution)	1% 11.7
% Volatility By Weight	90 - 95	Evaporation Rate	WATER 1.0
Specific Gravity	1.080	Physical Form	LIQUID
Appearance And Odor	CLEAR, DARK BLUE, ETHER ODOR		

SECTION IV - FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY

Flash Point	NONE
Extinguishing Media	N/A
Flammable Limits	N/A
Special Fire Fighting Procedures	CONCENTRATED PRODUCT CAN REACT W/ALUMINUM, ZINC AND MAGNESIUM TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES.
Unusual Fire and Explosion Hazards	NO DATA

SECTION V - REACTIVITY DATA

Stability	STABLE
Conditions to Avoid	EXTREME HEAT

Incompatibility	AVOID: NON-FERROUS METALS, SKIN, ACID
Hazardous Decomposition Products	NO DATA
Hazardous Polymerization	WILL NOT OCCUR

SECTION VI - HEALTH HAZARD

Routes(s) of Entry	Inhalation? NO	Skin? YES	Ingestion? NO
Health Hazards (Acute and Chronic)	<p>EYES: Can cause severe irritation, redness and burns. SKIN: Can cause irritation and burns. INGESTION: Causes burns of gastro-intestinal. INHALATION: Excessive inhalation can cause nasal and respiratory irritation</p>		
Carcinogenicity	NTP? NO	IARC Monographs? NO	OSHA Regulated? YES
Emergency Aid and First Aid Procedures	<p>EYES: Flush with water for 15 minutes. If eye damage occurs, consult an ophthalmologist. SKIN: Flush with water for 15 minutes, get medical attention if irritation persists. INHALATION: Remove to fresh air . If breathing is difficult administer oxygen. INGESTION: Do not induce vomiting dilute with water or milk. Call a physician. Never give anything by mouth to an unconscious person.</p>		

SECTION VII - SPILL OR LEAK PROCEDURES

Spill Response	Clean-up workers must use protective clothing to prevent body contact . pick up with wet mop, wet vac or absorbent material. Rinse floor with clear water and allow floor to dry before allowing traffic.
Waste Disposal Method	Small Spills: Dilute with water and adjust ph with dilute acid to a ph below 9.0, then flush to sanitary sewer or send to following local state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Eye Protection	WEAR SAFETY GLASSES CHEMICAL SPLASH GOGGLES.
Skin Protection	WEAR NEOPRENE GLOVES.
Ventilation	NORMAL ROOM VENTILATION.
Respiratory Protection	NONE REQUIRED IN NORMAL CONDITIONS. WHEN EXCESSIVE MISTS ARE GENERATED ABOVE TLV'S USE A RESPIRATOR.
Other Protection	RUBBER BOOTS AND RUBBER APRONS WHEN HANDLING.

SECTION IX - SPECIAL PRECAUTIONS

Precautions in Handling and Storage	Keep out of reach of children. Store at room temperature . rinse container before discarding.
Other Precautions	DO NOT USE UNDILUTED (AT LEAST 20 TO 1) ON ALUMINUM AND LATEX

PREPARED BY: David Brunton, Chemist

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