


ETOWAH CHEMICAL SALES & SERVICE P.O. BOX 4416 GADSDEN, AL 35904-0416 (800) 848-8541		N. F. P. A. 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant	HEALTH	3
			FIRE	0
			REACTIVITY	1
			PERSONAL PROTECTION	D
Material Safety Data Sheet 24 Hour Emergency Telephone Number: (800) 535-5053				

SECTION I - IDENTIFICATION

Product Name	SC-99 HIGH ALKALINE	Date last Revised	AUG 2009
Chemical Family	ALKALINE DETERGENT	Item	
Proper D.O.T. Shipping Name	CORROSIVE SOLID, n.o.s., Biodegradable		
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.
< 80.0	SODIUM HYDROXIDE	2mg/m3	2mg/m3	1310-73-2
	Balance non-hazardous ingredients			

SECTION III - PHYSICAL DATA

Boiling Point	ABOVE 500 F	pH (Conc.)	ABOVE 14.0
Solubility In Water	COMPLETE	pH (Use Dilution)	13.5
% Volatility By Weight	<99	Evaporation Rate	NA
Specific Gravity	NA	Physical Form	POWDER
Appearance And Odor	WHITE POWDER, MUSTY ODOR		

SECTION IV - FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY

Flash Point	NONE
Extinguishing Media	N/A
Flammable Limits	N/A
Special Fire Fighting Procedures	WEAR SELF-CONTAINED BREATHING APPARATUS OPERATED IN PRESSURE DEMAND MODE.
Unusual Fire and Explosion Hazards	CONCENTRATED PRODUCT CAN REACT WITH ALUMINUM, ZINC, MAGNESIUM AND OTHER REACTIVE METALS TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MISTURES WITH AIR.

SECTION V - REACTIVITY DATA

Stability	STABLE
Conditions to Avoid	EXTREME HEAT
Incompatibility	AVOID: NON-FERROUS METALS, SKIN, ACIDS
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)	EYES: CAUSES IMMEDIATE SEVERE BURNS. SKIN: CAN CAUSE SEVERE IRRITATION AND BURNS. INGESTION: CAUSES BURNS OF GASTRO-INTENSIONAL TRACT. INHALATION: EXCESSIVE INHALATION CAN CAUSE NASAL AND RESPIRATORY IRRITATION.		
Carcinogenicity	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Emergency Aid and First Aid Procedures	EYES: FLUSH WITH WATER FOR 15 MINUTES. IF EYE DAMAGE OCCURS, CONSULT AN OPHTHALMOLOGIST. SKIN: FLUSH WITH WATER FOR 15 MINUTES. 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.		
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	DILUTE WITH WATER AND ADJUST pH WITH DILUTE ACID TO A pH BELOW 9.0, THEN FLUSH TO SANITARY SEWER OR SEND TO A SANITARY LANDFILL FOLLOWING LOCAL STATE AND FEDERAL REGULATIONS.		
SECTION VIII - SPECIAL PROTECTION INFORMATION			
Eye Protection	WEAR SAFETY GLASSES AND FACE SHIELD.		
Skin Protection	NEOPRENE GLOVES.		
Ventilation	NORMAL ROOM VENTILATION.		
Respiratory Protection	WHEN EXCESSIVE DUSTS ARE GENERATED ABOVE TLV'S USE A RESPIRATOR. A DUST MASK IS USUALLY REQUIRED.		
Other Protection	NEOPRENE BOOTS AND 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. STORE AWAY FROM ACIDS.		
Other Precautions	DO NOT USE ON ALUMINUM AND LATEX PAINTED SURFACES.		
PREPARED BY: David Brunton, Chemist			
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