

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	1
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	B

Material Safety Data Sheet

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

SECTION I - IDENTIFICATION

Product Name	WARRIOR	Date Prepare	AUGUST 2009
Chemical Family	ALKALINE CLEANER	Item Number	ETC-1432
Proper D.O.T. Shipping Name	CLEANING COMPOUND, LIQUID <i>100% BIODEGRADABLE</i>		
D.O.T. Hazard Classification	NOT REGULATED		

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
	NO HAZARDOUS INGREDIENTS			
	Balance non-hazardous ingredients			

SECTION III - PHYSICAL DATA

Boiling Point	212 F	pH (Conc.)	12.9
Solubility In Water	COMPLETE	pH (Use Dilution)	11.5
% Volatility By	<90	Evaporation Rate	N/A
Specific Gravity	1.080	Physical Form	LIQUID
Appearance And	CLEAR YELLOW LIQUID, SURFACTANT ODOR		

SECTION IV - FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY

Flash Point	NONE
Extinguishing Media	N/A
Flammable Limits	N/A
Special Fire Fighting Procedures	N/A
Unusual Fire and Explosion Hazards	NONE

SECTION V - REACTIVITY DATA

Stability	STABLE
Conditions to Avoid	NONE
Incompatibility	ACIDS, STRONG OXIDIZERS
Hazardous Decomposition Products	NONE
Hazardous Polymerization	WILL NOT OCCUR

SECTION VI - HEALTH HAZARD (PAGE 2 OF WARRIOR)			
Routes(s) of Entry	Inhalation? NO	Skin? NO	Ingestion? NO
Health Hazards (Acute and Chronic)	EYES: CAN CAUSE IRRITATION, REDNESS. SKIN: CAN CAUSE IRRITATION . INGESTION: CAUSES BURNS OF GASTRO-INTESTINAL TRACT.		
Carcinogenicity	NTP NO	IARC 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 A SANITARY SEWER FOLLOWING LOCAL STATE AND FEDERAL REGULATIONS.		
SECTION VIII - SPECIAL PROTECTION INFORMATION			
Eye Protection	WHEN EYE CONTACT MAY OCCUR, WEAR SAFETY GLASSES CHEMICAL SPLASH GOGGLES.		
Skin Protection	WEAR RUBBER 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 IF FEET ARE EXPOSED.		
SECTION IX - SPECIAL PRECAUTIONS			
Precautions in Handling and Storage	KEEP OUT OF REACH OF CHILDREN. STORE AT ROOM TEMPERATURE .		
Other Precautions			
PREPARED BY: David Brunton, Chemist			
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