

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	2
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	B

Material Safety Data Sheet

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

SECTION I - IDENTIFICATION

Product Name	MC-20 ALL PURPOSE CLEANER	Date last Revised	August 2009
Chemical Family	ALKALINE CLEANER	Item Number	ETC-1058
Proper D.O.T. Shipping Name	CLEANING COMPOUND, LIQUID		
D.O.T. Hazard Classification	NOT REGULATED		

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
<5	SODIUM METASILICATE PEL & TLV ARE FOR TOTAL NUISANCE DUST	15 ppm	10ppm	6834-92-0
3-5	2-BUTOXYETHANOL SARA TITLE III SECTION 313 REQUIRES ANNUAL REPORTS OF RELEASE OF 2-BUTOXYETHANOL IF OTHERWISE USE EXCEEDS 10,000 POUNDS PER YEAR.	25ppm TWA	25ppm TWA	111-76-2
Balance non-hazardous ingredients				

SECTION III - PHYSICAL DATA

Boiling Point	212 F	pH (Conc.)	13.0
Solubility In Water	COMPLETE	pH (Use Dilution)	11.0
% Volatility By Weight	<90	Evaporation Rate	N/A
Specific Gravity	1.035	Physical Form	LIQUID
Appearance And Odor	CLEAR COLORLESS LIQUID, SWEET SOLVENT 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	CONCENTRATED PRODUCT CAN REACT WITH ALUMINUM, ZINC, MAGNESIUM AND COPPER TO FORM HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES WITH AIR.

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	
Routes(s) of Entry	Inhalation? NO Skin? YES Ingestion? NO
Health Hazards (Acute and Chronic)	EYES: CAN CAUSE IRRITATION, REDNESS AND BURNS. SKIN: CAN CAUSE IRRITATION AND DERMATITIS. INGESTION: CAUSES BURNS OF GASTRO-INTESTINAL TRACT. INHALATION: EXCESSIVE INHALATION CAN CAUSE NASAL AND RESPIRATORY IRRITATION.
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	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 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. STORE AWAY FROM ACIDS.
Other Precautions	THIS PRODUCT IS NOT REGULATED UNDER CERCLA. NOT REPORTABLE UNDER SARA TITLE III, SECTION 311-312.
PREPARED BY: David Brunton, Chemist	
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