

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	1
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	E

Material Safety Data Sheet

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

SECTION I - IDENTIFICATION

Product Name	CLEAR WATER FLOC AGENT	Date last Revised	AUG 2009
Chemical Family	INORGANIC POWDER	Item Number	ETC-1394
Proper D.O.T. Shipping Name	WATER TREATMENT COMPOUND		
D.O.T. Hazard Classification	NOT REGULATED		

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
<45	Aluminum sulfate		2 mg Al/cu m	10043-01-3
<30	Calcium hydroxide(slaked lime)	5 mg/m3	5 mg/m3	1305-62-0
Balance non-hazardous ingredients				

SECTION III - PHYSICAL DATA

Boiling Point	Decomposes above 500 F	pH (Conc.)	NA
Solubility In Water	Approximately 50%	pH (Use Dilution)	1% 8.5-9.0
% Volatility By Weight	N/A	Evaporation Rate	N/A
Specific Gravity	N/A	Physical Form	POWDER
Appearance And Odor	NONE		

SECTION IV - FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY

Flash Point	None
Extinguishing Media	Not applicable
Flammable Limits	Not applicable
Special Fire Fighting Procedures	Normal fire fighting procedures should be employed.
Unusual Fire and Explosion Hazards	None

SECTION V - REACTIVITY DATA

Stability	Product is stable
Conditions to Avoid	None
Incompatibility	Acids
Hazardous Decomposition Products	At high temperatures, sulfur oxide gases
Hazardous Polymerization	Will not occur

SECTION VI - HEALTH HAZARD	
Routes(s) of Entry	Inhalation? Slight Skin? Slight Ingestion?
Health Hazards (Acute and Chronic)	May cause eye irritation. May cause skin irritation after prolonged contact to sensitive areas(face), Product may cause respiratory irritation if prolonged breathing of dust occurs.`
Carcinogenicity	NTP N/A IARC N/A OSHA Regulated? N/A
Emergency Aid and First Aid Procedures	Flush eyes and skin with a large amount of water. If eye irritation persists get medical attention immediately. If breathing is difficult, remove to fresh air. If irritation persists, get medical attention.
SECTION VII - SPILL OR LEAK PROCEDURES	
Spill Response	.Clean-up workers must wear protective clothing and equipment to prevent body contact. Sweep up material for disposal or recovery. Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.
Waste Disposal Method	Dispose of in accordance with all local, state and federal regulations..
SECTION VIII - SPECIAL PROTECTION INFORMATION	
Eye Protection	Safety glasses or chemical goggles.
Skin Protection	Neoprene or other resistant gloves.
Ventilation	Local exhaust if dusty condition prevail.
Respiratory Protection	If needed use a NIOSH approved dust respirator.
Other Protection	To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
SECTION IX - SPECIAL PRECAUTIONS	
Precautions in Handling and Storage	Keep container closed when not in use. Do not allow water to contact the powder before it is added to
Other Precautions	THIS PRODUCT IS NOT REGULATED UNDER CERCLA NOT REPORTABLE UNDER SARA TITLE III SECTION 311/312. Not a hazardous waste.
PREPARED BY: David Brunton, Chemist	
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