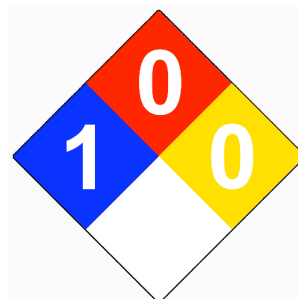


MATERIAL SAFETY DATA SHEET



AQUASHIELD™

GET urges each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to use and understand the data contained in this MSDS. While the information and recommendations set forth herein are believed to be accurate, as of the date hereon, Great Eastern Technologies, L.L.C., makes no warranty with respect thereto and disclaims all liability from reliance thereon. The information contained herein represents our current data and best opinion as to the proper use and handling of this product under normal conditions. Any use of this product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any process is the responsibility of the user. The MSDS should not be construed as the sum total of all protective measures that may be taken. It is the responsibility of the employer to evaluate the information and to determine the extent of the hazard and what personal protective measures should be taken. The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.



SECTION 01

CHEMICAL PRODUCT AND COMPANY

Product Identification

Product Trade Name : AquaShield™
Chemical Name : Mixture - Not Applicable
CAS # : Mixture - Not Applicable
Chemical Family : Chemical Dispersing Agent
Product Synonyms : None
Product Use : Integral Water Repellant Admixture for Masonry Products
DOT Hazard Class : Not Regulated

Company Identification

Great Eastern Technologies, L.L.C. (609) 581-1587 Factory Phone Number
 4407 S. Broad Street (609) 581-0735 Fax Number
 Yardville, New Jersey 08620

Emergency Number

Great Eastern Technologies, L.L.C. work hours are generally 8:00 a.m. to 5:00 p.m. Monday through Friday.
 The Emergency Number is the Factory Phone Number (609) 581-1587.
 The Emergency Number for office hours and non-office hours is (800) 424-9300 (CHEMTREC)

MSDS Number : GSM FM-450-08 **Cancels MSDS Number** : GSM FM-450-07
Publication Date : January, 2008

SECTION 02

HAZARDOUS INGREDIENTS

(See Section 11 for Complete Chemical Names)

NA - Not Available

Ingredient	Ratio by Weight	Exposure Limits in Air					
		OSHA-PEL		ACGIH-TLV		IDLH	Other
		PEL	STEL	TWA	STEL		
Calcium Stearate CAS Number 1592-23-0	25 -40%	None Listed		None Listed		NA	NA
Triethanolamine CAS Number 000102-71-6	0-5%	3ppm	NA	5mg/m ³	NA	NA	NA

SECTION 03

EMERGENCY HAZARDS IDENTIFICATION

Emergency Overview : AquaShield™ is white liquid with a bland to mildly chalky odor. Most prominent hazardous concern is that prolonged exposure of this product may cause eye, skin irritation; and ingestion may cause gastric disturbances.

Potential Health Effects

Skin : May cause slight transient irritation

Eyes : Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis.

Inhalation : Amounts inhalation incidental to industrial handling are not expected to cause injury.

Ingestion : Amounts ingested incidental to industrial handling are not expected to cause injury. More significant amounts of ingestion may cause severe gastrointestinal disturbances.

Injection : No Information Available

ACUTE : Ingestion may cause severe gastrointestinal disturbances. Inhalation of vapors or aerosols may cause respiratory tract irritation.

CHRONIC : No known chronic effects.

TARGET ORGANS : ACUTE: No known acute effects.

CHRONIC: No known chronic effects.

CARCINOGENICITY : Calcium Stearate is not classified as a human carcinogen. This product contains very small amounts of Tetrasodium Salt of Ethylenediaminetetraacetic Acid which is listed by OSHA as a potential carcinogen. (see Section 11 Toxicological Information for more details)

SECTION 04

FIRST AID MEASURES

Contaminated individuals must be taken for medical attention if any adverse reaction occurs. Rescuers should be taken for medical attention, if necessary. Take a copy of Product Label and MSDS to a health professional with the contaminated individual.

Skin : If this product contaminates the skin, begin decontamination with running water. Remove exposed or contaminated clothing, wash contaminated clothing before reuse. Victim must seek immediate medical attention if any adverse effect occurs.

Eyes : If this product liquid or vapors enter the eyes, open contaminated individual's eyes under gently running water. Use sufficient force to open eyelids. Have contaminated individual "roll" eyes. Minimum flushing is for 15 minutes. Contaminated individual must seek immediate attention.

Inhalation : If vapors, mist, or spray of this product are inhaled, remove contaminated individual to fresh air. If necessary, use artificial respiration to support vital functions. Remove or cover contamination to avoid exposure to rescuers.

Ingestion : If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. Rinse mouth and then drink plenty of water. Do not induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsion, or unable to swallow.

Medical Conditions Aggravated by Exposure : This product is not known to aggravate pre-existing dermatitis, or other skin disorders, and conditions involving the other Target Organs (See Section 3, Hazard Identification) may be aggravated by over-exposure to this product.

Notes to Physicians : Treat Symptomatically

SECTION 05

FIRE FIGHT MEASURES

Flash Point : > 200°F

Flammable Limits : No Information Available

Explosion Sensitivity to Mechanical Impact : Not Sensitive

Explosion Sensitivity to Static Discharge : Not Sensitive

Auto Ignition Temperature : Not Available

Extinguishing Media : Water Spray Yes : Carbon Dioxide Yes

: Halon Yes : Dry Chemical Yes

: Foam Yes : Other Any "ABC" Class

Special Fire Fighting Procedures : Incipient fire responders should wear eye protection. Structural fire fighters must wear Self-Contained Breathing Apparatus and full protective equipment. Chemical resistant clothing may be necessary. Move containers from fire area if they have not been exposed to heat and if can be done without risk to personnel. If this product is involved in a fire, fire run-off water should be contained to prevent possible environmental damage. Rinse all contaminated equipment thoroughly with water before returning to service.

Fire and Explosion Hazards : No particular hazards known.

SECTION 06

ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spilled liquid with sand or earth. Place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 07

HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Use normal personal hygiene and housekeeping. Store in room temperature dry area from other incompatible materials. Keep airtight when not in use, high water evaporation rate will change composition of material.

SECTION 08

EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection : General use of respirators is not required.
Ventilation Requirements : Ventilate as necessary to eliminate from the work area.
Eye Protection : Wear Safety Glasses with slide-shields
Skin Protection : Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from liquid.
Work, Hygienic Practices : As required to protect skin and eyes from liquid, safety showers and/or eye wash should be available. Do not eat, drink, or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.
Exposure Limits : None Established.

SECTION 09

PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity	: 1.02	Odor	: Bland to chalky	Boiling Point @ °F	: > 200 °F
pH Level approximate	: 7.0	Appearance	: White liquid	Melting Point @ °F	: No data
Viscosity (cps)	: > 300 cps	Percent Volatile	: No data	Vapor Density	: No data
Flash Point @ °F	: > 200 °F	Ignition Point @ °F	: > 200 °F	Solubility in Water	:
		Complete			
Freezing Point @ °F	: No data	Vapor Pressure (MM Hg)	: 17.5	Melting Point @ °F	: No data
Evaporation Rate	: No data				

SECTION 10

STABILITY AND REACTION

Chemical Stability : Stable under normal temperatures.
Keep Away From : Oxidizing Agents
Hazardous Polymerization : Will not occur under normal conditions.
Hazardous Decomposition Products : Carbon Monoxide, Carbon Dioxide

SECTION 11

TOXICOLOGICAL INFORMATION

Ingredient (Chemical Name, CAS #, Common Name) Calcium Stearate Toxicity Data (See Section 2 for Exposure Limits)
CAS Number 1592-23-0
LD50 (Oral-Mouse) >10 gm/kg
LD50 (Oral-Rat) > 10 gm/kg
Suspected Cancer Agent : Not classified as a human carcinogen. Contains Chemical(s) known to the State of California as cancer causing agents.
Irritancy of Product : Calcium Stearate is not known to cause irritation to contaminated tissue.
Sensitization of Product : Calcium Stearate contains skin and respiratory sensitizers.
Reproductive Toxicity : No known data concerning this product's properties that could cause mutagenic, embryotoxic, teratogenic effects in humans. (see definitions in Section 16 Other)
ACGIH Exposure Indices : Not Available

Triethanolamine	CAS Number 000102-71-6	80% Maximum
Higher amines	CAS Number 068953-70-8	20% Maximum
Diethanolamine	CAS Number 000111-42-2	01% Maximum
Standard Draize Test (Skin-Rabbit, adult) - LD50 is > 2,000 mg/kg		LD50 (Oral-Rat) >2,000 mg/kg
Standard Draize Test (Eye-Rabbit, adult) - No known test results		
Suspected Cancer Agent :	Diethanolamine did not cause cancer in laboratory animals. Findings from a chronic Diethanolamine skin painting study include liver and kidney tumors in but no tumors in rats. A number of factors may have influenced the results and are being considered in their interpretation.	
Irritancy of Product :	No data available.	
Sensitization of Product :	Triethanolamine may in rare cases cause allergic skin response.	
Reproductive Toxicity :	Mutagenicity effects in vitro mutagenicity studies were negative in TEA	
ACGIH Exposure Indices :	No data available.	
Other :	A "skin" notation following the exposure guidelines refers to the potential for dermal absorption of the material. It is intended to alert the reader that inhalation may not be the only route of exposure and that measures to minimize dermal exposures should be considered.	

SECTION 12

ECOLOGICAL INFORMATION

All work practices must be aimed at eliminating environmental contamination.

Environmental Stability The components of this product are relatively stable under ambient, environmental conditions.
Effects of Material on Plants or Animals This product may be harmful to plant or animal life if released in large quantities.
Effects of Chemical on Aquatic Life This product may be harmful to aquatic plant or animal life if released in large quantities.

SECTION 13

DISPOSAL CONSIDERATIONS

Consult all Federal, State, Provincial and Local regulations, or a qualified waste disposal firm when characterizing waste for disposal. Dispose of waste in accordance with all applicable regulations.

U.S. EPA (40 CFR 261) waste of this product is not listed

RCRA Waste # : Not Listed

SECTION 14

TRANSPORTATION INFORMATION

Department of Transportation Shipping Name : Give name here (Regulated or not)
Hazard Class : Not Applicable
Identification # : Not Applicable
Label (s) Required : Not Applicable
Surface Freight Classification : Concrete or Masonry Concrete Chemical Additive

SECTION 15

REGULATORY INFORMATION

OSHA Status : Not Known
TSCA Status : All hazardous components are listed in the TSCA Library
CERCLA Reportable Requirements : Not Available
SARA Title III Information : Title III Section 302 No reportable chemicals
 Title III Section 311/312 Health Hazard - None Physical Hazard - None
 Title III Section 313 No dermatitis
State Right-To-Know : NJ, PA, MA
California Proposition 65 : This product contains a chemical (s) known to the State of California to cause cancer.