

Prepared according to 29 CFR 1910.1200

Date prepared: **JULY 2003**
Date revised: **JANUARY 2008**Page 1 of 2
MSDS. No. 5.1.5**Section I****IDENTITY:** *As Used on Label and List:* **AQUAFIN FLEX-S**
Chemical Characterization: **Water based Polymer Dispersion**AQUAFIN, INC.
505 BLUE BALL RD. #160
ELKTON, MD 2192124 hr Emergency Phone: **(800) 394-1410**
Information Phone No. **(410) 392-2300****Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV Percent

WATERY, SOLVENT FREE MIXTURE BASED ON ACRYLIC COPOLYMER DISPERSION WITH AROMATIC FILLERS
No hazardous components **N.A.** **N.A.****Section III - Physical/Chemical Characteristics**Boiling Point: **212° F (100° C) WATER** Specific Gravity: (BULK DENSITY) appx. **1.3 kg/L**
Vapor Pressure (mm Hg.): **N.A.** Melting Point: **NOT DEFINED**
Vapor Density (AIR = 1): **N.A.** Evaporation Rate (Butyl Acetate = 1): **N.A.**
Solubility in Water: **MISCIBLE** pH-value: **8 (at 68° F; 20° C)**
Viscosity, dynamic: **13,000 mPas (13,000 Cps) at 68° F (20° C)**
Appearance and Odor: **AMBER VISCOUS LIQUID - SLIGHT CHARACTERISTIC ODOR****Section IV - Fire and Explosion Hazard Data**Flash Point (Method used): **NONE** Flammable Limits: **NONE** LEL: **N/A** UEL: **N/A**Extinguishing Media: **PRODUCT WILL NOT BURN AS LONG AS WATER CONTENT HAS NOT EVAPORATED - CO₂, EXTINGUISHING POWDER OR WATER JET**Special Fire Fighting Procedures: **NONE, IF HANDLED AND STORED ACCORDING TO INSTRUCTIONS**Unusual Fire and Explosion Hazards: **NONE****Section V - Reactivity Data**Stability: Unstable: Stable: **X** Conditions to Avoid: **NONE**Incompatibility (Materials to Avoid): **NONE KNOWN**Hazardous Decomposition or Byproducts: **NONE KNOWN**Hazardous Polymerization: May Occur: Will Not Occur: **X** Conditions to Avoid:**Section VI - Health Hazard Data**Route(s) of Entry: Inhalation?: **N/A** Skin?: **N/A** Ingestion?: **N/A**Health Hazards (Acute and Chronic): **WHEN HANDLED UNDER NORMAL CONDITIONS, "FLEX-S" HAS TO OUR BEST KNOWLEDGE AND EXPERIENCE NO TOXIC EFFECTS.**Carcinogenicity: **N/A** NTP?: - IARC Monographs?: - OSHA Regulated?: -Signs and Symptoms of Exposure: **NO IRRITATING OR SENSIBILITY EFFECTS KNOWN.**

Medical Conditions - Generally Aggravated by Exposure: -

Emergency and First Aid Procedures:

- SKIN: **AFTER CONTACT WITH SKIN, WASH WITH PLENTY OF WATER USING A MILD DETERGENT. REMOVE HEAVILY SOILED CLOTHING. DO NOT USE THINNERS OR SOLVENTS.**
- EYES: **IN CASE OF CONTACT WITH THE EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER (10 - 15 MIN.) AND CONSULT A PHYSICIAN.**
- INGESTION: **RINSE MOUTH AND DRINK PLENTY OF WATER IN SMALL SIPS. CONSULT A PHYSICIAN IMMEDIATELY.**
- INHALATION: **MOVE TO FRESH AIR IF FEELING ILL OR EXPERIENCING TROUBLE WITH BREATHING. CONSULT PHYSICIAN IF PROBLEMS PERSIST.**
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Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled:

CONTAIN AND COLLECT SPILLAGE WITH NON-COMBUSTIBLE, ABSORBENT MATERIALS, I.E. SAND, EARTH, VERMICULITE, DIATOMACEOUS EARTH, ACID AND UNIVERSAL BINDERS, SAWDUST, AND PLACE IN CONTAINER FOR DISPOSAL. EMERGENCY PROCEDURES ARE NOT REQUIRED.

Waste Disposal Method: **DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. SMALL AMOUNTS CAN BE DISPOSED TOGETHER WITH RESIDENTIAL TRASH.**

Ecological Information: **THE PRODUCT IS SLIGHT WATER POLLUTANT. DO NOT EMPTY UNDILUTED OR IN LARGER QUANTITIES INTO WATERS OR DRAINS.**

Precautions to Be Taken in Handling and Storing:

AVOID CONTACT WITH SKIN AND EYES. OBSERVE NORMAL PRECAUTIONS WHEN HANDLING WITH CHEMICALS. PROTECT FROM HEAT AND DIRECT SUN. DO NOT STORE IN RESTROOMS OR DINING ROOMS.

Other Precautions: **NONE - NO DANGEROUS MATERIALS ARE RELEASED. STORE CONTAINERS TIGHTLY CLOSED IN A COOL (FROST FREE), WELL VENTILATED PLACE.**

Section VIII - Control Measures

Respiratory Protection (*Specify Type*): **NONE REQUIRED.**

Ventilation: Local Exhaust: **PROVIDE GOOD VENTILATION.** Special: **NONE**
Mechanical (*General*): **RECOMMENDED** Other: **NONE**

Protective Gloves: **NEOPRENE or RUBBER** Eye Protection: **SAFETY GOGGLES**

Other Protective Clothing or Equipment: **STANDARD WORK CLOTHING**

Work/Hygienic Practices: **WASH HANDS BEFORE BREAKS AND AFTER WORK, AND BEFORE EATING, DRINKING OR SMOKING.**

Section IX - Shipping Information

DOT (Domestic Surface) Hazard Class or Division: **NOT REGULATED**

IMO (Ocean) Hazard Class or Division: **NOT REGULATED** **NOT MARINE POLLUTANT**

ICAO (Air) Hazard Class or Division: **NOT REGULATED**

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