

# Material Safety Data Sheet

## AIRFOAM-HD

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

24 hr. Emergency Contact (CHEMTREC) US Tel: 1- 800 - 424-9300 - Int'l. Tel. 703 - 527 - 3887

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: AQUA-CLEAR Inc.  
608 Virginia Street East  
Charleston, WV 25301

PRODUCT NAME: AIRFOAM-HD  
PRODUCT USE/CLASS: Foamer

MSDS REVISION DATE: 02/16/04

PHONE: 304-343-4792

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	EXPOSURE LIMITS	CAS#	% BY WEIGHT
GLYCOL ETHERS	ACGIH TLV – 25 ppm TWA OSHA PEL – 25 ppm TWA	9004-77-7	7-13 %

### 3. HAZARD IDENTIFICATION

**EYE:** Liquid, aerosols and vapors of this product may be irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

**SKIN:** May cause skin irritation. Allergic reactions are possible.

**INGESTION:** May be irritating to mouth throat and stomach, and may cause abdominal discomfort, nausea, and diarrhea.

**INHALATION:** Prolonged inhalation of concentrated vapors may be harmful. May cause severe irritation to mucous membranes and lung tissue.

**CHRONIC INFORMATION:** None known

**PRIMARY ROUTE(S) OF ENTRY:** Skin contact, Ingestion, and Inhalation

### 4. FIRST AID MEASURES

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention, if irritation persists.

**SKIN CONTACT:** Wash with soap and water. Get medical attention if irritation develops or persist.

**INHALATION:** Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**INGESTION:** If swallowed induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person. Contact a poison control center or medical personnel immediately.

### 5. FIRE FIGHTING MEASURES

FLASH POINT: >200 F  
(TAGLIABUE CLOSED CUP)

LOWER EXPLOSIVE LIMIT: N.D.  
UPPER EXPLOSIVE LIMIT: N.D.

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**AUTOIGNITION TEMPERATURE:** N.D.

**EXTINGUISHING MEDIA:** ALCOHOL      CO2      DRY CHEMICAL      WATER FOG

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Emits highly toxic and irritating fumes in a fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** As in any fire, wear a self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

### 6. ACCIDENTIAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. (See exposure controls / personal protection section) Spilled material should be disposed of according to applicable regulations.

### 7. HANDLING AND STORAGE

**HANDLING:** Handle all chemicals with care. Wash thoroughly after handling.

**STORAGE:** Keep container closed when not in use. Store in a cool, dry, well ventilated place away from incompatible materials.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust ventilation may be necessary to control any air contaminants to within their exposure limits.

**RESPIRATORY PROTECTION:** No protection needed under normal use and conditions. Use a NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge when airborne concentrations are expected to exceed exposure limits. Protection by air purifying respirators is limited.

**SKIN PROTECTION:** When contact is likely wear chemical resistant gloves and boots.

**EYE PROTECTION:** Wear safety glasses with side shields or goggles.

**OTHER PROTECTIVE EQUIPMENT:** Emergency eye wash stations should be available in the work area.

**HYGIENIC PRACTICES:** Wash hands before eating.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Hazy brown

**ODOR:** N/D

**BOILING POINT (RANGE):** N/D

**FREEZE POINT:** N/D

**VAPOR DENSITY:** 8.92

**VAPOR PRESSURE:** N/D

**PHYSICAL STATE:** Liquid

**SOLUBILITY IN WATER:** Complete

**PH (AS IS):** 7.49

**SPECIFIC GRAVITY:** 1.07

### 10. STABILITY AND REACTIVITY DATA

**CONDITIONS TO AVOID:** Avoid temperature extremes

**INCOMPATIBILITY:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, sulfur, and nitrogen.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal use and storage conditions.

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**CHEMICAL STABILITY:** This product is stable under normal storage conditions.

### 11. TOXICOLOGICAL INFORMATION

**ORAL:** No product information is available.

**DERMAL:** No product information is available.

**INHALATION:** No product information is available.

### 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** No product information is available.

**CHEMICAL FATE INFORMATION:** No product information is available.

### 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Consult local, state, or federal regulatory agencies for acceptable disposal procedures and disposal locations. Disposal in streams or sewers may be prohibited by federal, state, and local regulations.

**RCRA STATUS:** None

### 14. TRANSPORTATION INFORMATION

#### (NON-BULK SHIPMENTS)

**D.O.T. PROPER SHIPPING NAME:** Not Regulated

**D.O.T. TECHNICAL NAME:** Non-Hazardous for D.O.T. Purposes

**D.O.T. HAZARD CLASS:** N/A

**HAZARD SUBCLASS:** N/A

**D.O.T. UN NUMBER:** N/A

**PACKING GROUP:** N/A

**RESP. GUIDE PAGE:** N/A

#### (BULK SHIPMENTS)

**D.O.T. PROPER SHIPPING NAME:** Not Regulated

**D.O.T. TECHNICAL NAME:** Non-Hazardous for D.O.T. Purposes

**D.O.T. HAZARD CLASS:** N/A

**HAZARD SUBCLASS:** N/A

**D.O.T. UN NUMBER:** N/A

**PACKING GROUP:** N/A

**RESP. GUIDE PAGE:** N/A

**T.D.G. PROPER SHIPPING NAME:** Not Regulated

**T.D.G. TECHNICAL NAME:** N/A

**T.D.G. HAZARD CLASS:** N/A

**HAZARD SUBCLASS:** N/A

**T.D.G. UN NUMBER:** N/A

**PACKING GROUP:** N/A

**RESP. GUIDE PAGE:** N/A

**IMDG PROPER SHIPPING NAME:** Not Regulated

**IMDG TECHNICAL NAME:** N/A

**IMDG HAZARD CLASS:** N/A

**HAZARD SUBCLASS:** N/A

**IMDG UN NUMBER:** N/A

**PACKING GROUP:** N/A

**EmS No:** N/A

### 15. REGULATORY INFORMATION

#### CERCLA – SARA HAZARD CATEGORY:

SECTION 311/312: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

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### IMMEDIATE HEALTH HAZARD

SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

COMPONENT	CAS#	% BY WEIGHT
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No SARA Section 313 components exist in this product.

### TSCA STATUS:

All components of this product are listed on the Toxic Substance Control Act Inventory or are excluded from the listing requirements.

### INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:** D-2B

### CANADIAN ENVIRONMENTAL PROTECTION ACT:

All components of this product are listed on the Canadian Domestic Substance List (DSL).

### 16. OTHER INFORMATION

**HMIS RATING – HEALTH:** 1      **FLAMMABILITY:** 1      **REACTIVITY:** 0      **PERSONAL PROTECTIVE RATING:** B

**LEGEND:** N.A. – NOT APPLICABLE, N.E. - NOT ESTABLISHED, N.D. – NOT DETERMINED

THIS PRODUCT'S HEALTH AND SAFETY INFORMATION IS PROVIDED TO ASSIST OUR CUSTOMERS IN ASSESSING COMPLIANCE WITH HEALTH, SAFETY AND ENVIRONMENTAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US, AND IS BELIEVED TO BE ACCURATE, ALTHOUGH NO GUARANTEE OR WARRANTY IS PROVIDED OR IMPLIED BY THE COMPANY IN THIS RESPECT. SINCE THE USE OF THIS PRODUCT IS WITHIN THE EXCLUSIVE CONTROL OF THE USER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE CONDITIONS OF SAFE USE. SUCH CONDITIONS MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS.