

# MATERIAL SAFETY DATA SHEET

Liquid Motion  
AHC Products, Inc.

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PRODUCT NAME: (As used on label and list): Liquid Motion

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This Material Safety Data Sheet is being provided to your company, for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those individuals at your company who have the responsibility to insure compliance with both Federal and State Right to Know regulations, and to those employees that request information on this product.

Federal Regulations: Parts 29 and 42 Code of Federal Regulations

Date Prepared: 08/2009

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## SECTION I – PRODUCT IDENTIFICATION

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MANUFACTURER: AHC Products, Inc.

AHC Products, Inc.  
301 West Broadway  
Winchester, Kentucky  
859/737-3441

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## SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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HAZARDOUS COMPONENT (Specific Chemical Identity; Common Names):

Feed Grade Ingredients

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## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

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BOILING POINT: 554F, 290C

VAPOR PRESSURE (MM HG) : <1, 0 MMHG @ 20C

VAPOR DENSITY (AIR=1): 3.1

SPECIFIC GRAVITY (H2O=1): 1.2607 @ 25/25 (min)

MELTING POINT: N/A

EVAPORATION RATE (BUTYL ACETATE=1): N/A

SOLUBILITY IN WATER: Miscible

APPEARANCE AND ODOR: Brown liquid with no characteristic odor.

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## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT: 390F, 199C

FLAMMABLE LIMITS:

LEL: Not determined

UEL: Not determined

EXTINGUISHING MEDIA: Water fog or fine spray, carbon dioxide, dry chemical, foam, alcohol resistance foams (ATC type) or protein foams may function, but much less effectively. Do not use direct water stream; will spread fire.

SPECIAL FIRE FIGHTING PROCEDURES: Keep people away. Isolate fire area and deny unnecessary entry. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Burning liquids may be extinguished by dilution with water. Do not use direct water stream; may spread fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Violent steam generation or eruption may occur upon application of direct water stream.

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## SECTION V – REACTIVITY DATA

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STABILITY: Stable

**CONDITIONS TO AVOID:** Avoid strong oxidizing agent (such as sodium hypochlorite, hypochlorous acid)

**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing material

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Acrolein

**HAZARDOUS POLYMERIZATION:** Will not occur.

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#### **SECTION VI – HEALTH HAZARD DATA**

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##### **ROUTES OF ENTRY:**

**EYE:** May cause slight transient (temporary) eye irritation. Corneal injury is unlikely.

**INHALATION:** At room temperature, vapors are minimal due to physical properties. If heated or sprayed as an aerosol, airborne material may cause upper respiratory irritation.

**SKIN:** Prolonged or repeated exposure not likely to cause significant skin irritation.

**INGESTION:** Single dose oral toxicity is considered to be extremely low. Small amount swallowed incidental to normal handling operations are not likely to cause injury. Signs and symptoms of excessive exposure may be central nervous system effects and increased blood sugar levels.

##### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYE:** Flush eyes with plenty of water.

**INHALATION:** Remove to fresh air if effects occur, consult a physician.

**SKIN:** Wash off in flowing water or shower.

**INGESTION:** If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

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#### **SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Small spills; cover with absorbent material, soak up and sweep into a drum. Large spills, dike around spill and pump into suitable containers.

**WASTE DISPOSAL METHOD:** Do not dump into sewers, on the ground or into any body of waters. All disposals must be in compliance with all Federal, State and local laws and regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Practice reasonable care and caution. Glycerin freezes at 64F. Glycerin should be kept above 64F but below 125F.

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#### **SECTION VIII – CONTROL MEASURES**

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**ENGINEERING CONTROLS:** Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

**EXPOSURE GUIDELINES:** Glycerin: ACGIH TLV is 10mg/m<sup>3</sup>. OSHA PEL is 10 mg/m<sup>3</sup> total, 5 mg/m<sup>3</sup> respirable. PEL's are in accord those recommended by OSHA, as in the 1989 revision of PEL's.

**RESPIRATORY PROTECTION (SPECIFIC TYPE):** For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use an approved air-purifying respirator.

**EYE PROTECTION:** Use safety glasses.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** No precautions other than clean body-covering clothing should be needed.

**WORK AND/OR HYGIENIC PRACTICES:** Practice standard good hygiene.

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