

# MATERIAL SAFETY DATA SHEET



**Date-Issued:** 01/05/2004  
**MSDS Ref. No:** 04-00OMS-5-02  
**Date-Revised:** 07/01/2004  
**Revision No:** 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**GENERAL USE:** For general information or product stewardship please call 217-464-8577.

**PRODUCT DESCRIPTION:** PEG-5 Oleammonium Methosulfate

**PRODUCT CODE:** OMS-5

**PRODUCT FORMULATION NAME:** Accoquat OMS-5

**CHEMICAL FAMILY:** Methosulfate

### MANUFACTURER

ABITEC Corporation  
 1530 South Jackson Street  
 Janesville, WI 53546  
**Product Stewardship:** 608-752-9007

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (U.S.):** (800) 424-9300  
**CANUTEC:** (613) 996-6666  
**International Emergency Phone:** Call Collect (703) 5 27-3887  
**Emergency Phone:** 608-752-9007

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>	<u>EINECS#</u>
N-Methyl-N-Oleyl-N,N-bis-(polyoxyethanol) ammonium, methylsulfate	~70	71767-16-3	NA
1,2-Propanediol	~30	57-55-6	200-338-0

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Light yellow liquid

**IMMEDIATE CONCERNS:** -Avoid contact with eyes, skin or clothing

-Avoid breathing vapor or spray mist

-Keep out of reach of children

- Poses little or no immediate hazard.

### POTENTIAL HEALTH EFFECTS

**EYES:** May cause irritation.

**SKIN:** May cause skin redness and irritation.

**SKIN ABSORPTION:** Not known

**INGESTION:** Information is not known.

**INHALATION:** Not known.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Eye irritant.

**SKIN:** Skin redness and irritation.

**SKIN ABSORPTION:** No data available.

**INGESTION:** No data available.

**INHALATION:** Not known

**ACUTE TOXICITY:** Can cause eye irritation.

**CHRONIC:** Not known.

**CARCINOGENICITY:** Not listed.

**MUTAGENICITY:** Not expected from available information.

#### **REPRODUCTIVE TOXICITY**

**REPRODUCTIVE EFFECTS:** Not expected from available information.

**TERATOGENIC EFFECTS:** Not Listed

**MEDICAL CONDITIONS AGGRAVATED:** None known.

**ROUTES OF ENTRY:** Inhalation, skin, oral

**TARGET ORGAN STATEMENT:** None known.

**IRRITANCY:** Contact with the eyes and/or skin can result in irritation.

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#### **4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Wash with soap and water. Wash affected area with water for at least 15 minutes.

**INGESTION:** Do not induce vomiting. Obtain medical attention.

**INHALATION:** Remove to fresh air.

**ANTIDOTES:** Information is not available.

**NOTES TO PHYSICIAN:** None.

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#### **5. FIRE FIGHTING MEASURES**

**FLASHPOINT AND METHOD:** > (200°F)

**FLAMMABLE CLASS:** Not considered flammable, but is combustible.

**EXTINGUISHING MEDIA:** Dry chemical or waterspray or water fog, carbon dioxide, foam or sand/earth

**HAZARDOUS COMBUSTION PRODUCTS:** Ammonium compounds, Carbon dioxide

**EXPLOSION HAZARDS:** None

**FIRE FIGHTING PROCEDURES:** If the product is involved with fire, extinguish with waterspray, dry chemical or alcohol foam. Keep containers cool by spraying with water if exposed to fire.

**FIRE FIGHTING EQUIPMENT:** Use self-contained breathing apparatus when fighting fires in enclosed areas.

**FLASHPOINT:** Combustible Liquid. Can form flammable mixtures at temperatures at or above the flash point.

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#### **6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Stop spill at source, dike area of spill to prevent spreading. Absorb liquid on solid absorbent material and shovel into containers. Wash floors with detergent and rinse with hot water to prevent slipping.

**LARGE SPILL:** Stop spill at source. Dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into containers. Prevent run-off to sewers, streams or other bodies of water. Wash floors with hot soapy water and rinse with hot water to prevent slipping.

#### **ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

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**LAND SPILL:** Shovel or sweep up and place in a waste container.

**SPECIAL PROTECTIVE EQUIPMENT:** Wear neoprene gloves, goggles, chemical suit, and suitable boots.

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## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Use with adequate ventilation. Avoid mist formation. Avoid contact with eyes.

**HANDLING:** Keep away from heat, sparks and flame. Wear recommended personal protective equipment. Never use pressure to empty drums.

**STORAGE:** Keep container closed when not in use. Store in a dry area away from heat or sparks. Maintain good ventilation around containers.

**STORAGE TEMPERATURE:** Ambient

**LOADING TEMPERATURE:** Ambient

**LOADING/UNLOADING VISCOSITY:** Not Determined

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control airborne levels.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear ANSI-approved goggles to guard against splash hazard.

**SKIN:** Neoprene gloves.

**RESPIRATORY:** No special ventilation requirements.

**PROTECTIVE CLOTHING:** Wear a work uniform or tyvek suit to protect self from mists.

**WORK HYGIENIC PRACTICES:** Remove clothing and launder or dispose in an approved waste disposal facility. Wash hands with soap and water after handling this product or clothing containing residual.

**OTHER USE PRECAUTIONS:** Use good chemical hygiene practices when handling this material.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid at room temperature

**ODOR:** Mild, fatty smell

**APPEARANCE:** Light yellow liquid.

**COLOR:** Yellow

**pH:** ~5

**PERCENT VOLATILE:** Not Determined

**VAPOR PRESSURE:** Not Determined

**VAPOR DENSITY:** Not determined

**BOILING POINT:** Not Determined

**FREEZING POINT:** Not Determined

**MELTING POINT:** Not Determined

**POUR POINT:** Not determined

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE:** Not Determined

**DENSITY:** Not Determined

**SPECIFIC GRAVITY:** Not Determined

**VISCOSITY:** Not Determined

**MOLECULAR WEIGHT:** Not Determined

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## 10. STABILITY AND REACTIVITY

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**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** Keep away from temperatures near the flash point. Store away from oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Ammonium Compounds and Carbon Dioxide

**INCOMPATIBLE MATERIALS:** Oxidizers

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**EYES:** Not known

**DERMAL LD<sub>50</sub>:** Not known

**SKIN ABSORPTION:** Not known

**ORAL LD<sub>50</sub>:** Not known

**EYE EFFECTS:** No product toxicology data is available

**SKIN EFFECTS:** No product toxicology data is available.

**SENSITIZATION:** None expected

### CARCINOGENICITY:

**IARC:** Not listed

**NTP:** Not listed

**OSHA:** Not listed

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Prevent liquid from entering bodies of water.

**ECOTOXICOLOGICAL INFORMATION:** Expected to be biodegradable. Not expected to bio-accumulate.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose according to federal, state, and local regulations. Use only licensed waste haulers and disposal contractors. Do not dispose of by means of sinks, drains, or in the immediate environment.

**FOR LARGE SPILLS:** Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into waste container. Prevent run-off to sewers, streams or other bodies of water. Wash floors with detergent and rinse with hot water to prevent slipping.

**PRODUCT DISPOSAL:** Place waste in waste container and dispose in accordance with federal, state and local regulations. Obtain the consent of the local publically-owned treatment works before discharging waste to a publically-owned treatment facility.

**EMPTY CONTAINER:** Remove product residue and dispose of container at an approved waste handling facility.

**RCRA/EPA WASTE INFORMATION:** This material as a waste does not meet the federal definition of hazardous waste. State and local waste regulations should be reviewed as their rules regarding hazardous waste may be more stringent than the federal rules.

**RCRA HAZARD CLASS:** Non hazardous

**GENERAL COMMENTS:** It is the responsibility of the user of this product to characterize wastes generated to determine if the waste meets the definition of hazardous waste.

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## 14. TRANSPORT INFORMATION

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**DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not Regulated**PRIMARY HAZARD CLASS/DIVISION:** Not Regulated**MARINE POLLUTANT #1:** Not considered a marine pollutant

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**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Not listed.**FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: NO CHRONIC: NO****313 REPORTABLE INGREDIENTS:** None**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** N/A**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** N/A**EPA****EPA RQ INGREDIENT:** None**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** This product or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.**RCRA STATUS:** Not regulated as hazardous waste.**OSHA HAZARD COMM. RULE:** Irritant hazard.**CLEAN WATER ACT:** Oils may be regulated under EPA's Oil Pollution Control Act. Users may be required to have a SPCC Plan for their facility.**NATIONAL RESPONSE CENTER:** Oil spills to navigable waterways may be reportable.**CARCINOGEN:** This product has not been found to be carcinogen or potential carcinogen by IARC; it is not listed in the NTP Third Annual Report; nor is it regulated by OSHA as a carcinogen.**CLEAN AIR ACT****40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** N/A**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)****29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** N/A**CALIFORNIA PROPOSITION 65:** Not applicable.

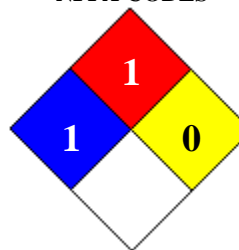
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**16. OTHER INFORMATION****REASON FOR ISSUE:** Revision**APPROVED BY:** Health, Safety and Environmental Department**PREPARED BY:** Health, Safety and Environmental Department**REVISION SUMMARY :** CAS Number: 71767-16-3

## HMIS RATING

HEALTH:		1
FLAMMABILITY:		1
PHYSICAL HAZARD:		
PERSONAL PROTECTION:		

## NFPA CODES



**NFPA STORAGE CLASSIFICATION:** Combustible.

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