

# AHCOHOL 1618-TA

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 12/17/2013

Supersedes: 10/21/2013

Version: 1.0

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

### 1.1. Product Identifier

**Product Name:** AHCOHOL 1618-TA

**CAS No:** 67762-30-5

**Synonyms:** Fatty Alcohol C16-C18; Cetyl-Stearyl alcohol

### 1.2. Intended Use of the Product

**Use of the substance/mixture:** Intermediate, emollient & lubricant, nonionic surfactant

### 1.3. Name, Address, and Telephone of the Responsible Party

#### Company

Acme-Hardesty Co.  
450 Sentry Parkway  
Blue Bell, PA 19422  
T 866-226-3834 T 215-591-3610  
www.acme-hardesty.com

### 1.4. Emergency Telephone Number

**Emergency Number** : 800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### Classification (GHS-US)

Not classified

### 2.2. Label Elements

#### GHS-US Labeling

Not applicable

### 2.3. Other Hazards

**Other Hazards Not Contributing to the Classification:** Hazardous to the aquatic environment - Chronic Hazard Category 3.

### 2.4. Unknown Acute Toxicity (GHS-US):

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product Identifier	%	Classification (GHS-US)
1-Octadecanol	(CAS No) 112-92-5	> 60	Aquatic Chronic 3, H412
1-Hexadecanol	(CAS No) 36653-82-4	> 22	Aquatic Chronic 3, H412

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting.

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### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/Injuries:** None expected under normal conditions of use.

**Symptoms/Injuries After Inhalation:** None expected under normal conditions of use.

**Symptoms/Injuries After Skin Contact:** Contact during a long period may cause light irritation.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** If a large quantity has been ingested: May cause nausea, vomiting, and diarrhea.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. Carbon dioxide, dry chemical, foam, water spray, fog.

**Unsuitable Extinguishing Media:** Water may be ineffective.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but will burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Firefighting Instructions:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Other information:** Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Handle in accordance with good industrial hygiene and safety practice.

#### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Solid spill: Collect as any solid.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Collect spillage.

### 6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep away from heat and flame.

**Incompatible Products:** Strong oxidizers. Strong acids.

**Storage Area:** Keep away from heat.

7.3. Specific End Use(s) Intermediate, emollient & lubricant, nonionic surfactant

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

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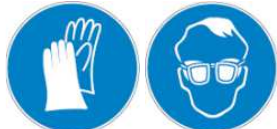
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### 8.2. Exposure Controls

**Appropriate Engineering Controls** : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment** : Gloves. Protective goggles.



**Materials for Protective Clothing** : Chemically resistant materials and fabrics.  
**Hand Protection** : Wear chemically resistant protective gloves.  
**Eye Protection** : Chemical goggles or safety glasses.  
**Respiratory Protection** : Wear approved mask.  
**Other Information** : When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

**Physical State** : Solid  
**Appearance** : Colorless. Pastilles.  
**Odor** : Odorless.  
**Odor Threshold** : No data available  
**pH** : No data available  
**Relative Evaporation Rate (butylacetate=1)** : No data available  
**Melting Point** : 50 - 54 °C (122 - 129.2°F)  
**Freezing Point** : No data available  
**Boiling Point** : 300 - 360 °C (572 - 680°F)  
**Flash Point** : 180 °C (356°F)  
**Auto-ignition Temperature** : No data available  
**Decomposition Temperature** : No data available  
**Flammability (solid, gas)** : No data available  
**Vapor Pressure** : <10 mmHg @22°C  
**Relative Vapor Density at 20 °C** : No data available  
**Relative Density** : 0.805 g/cm<sup>3</sup> @70°C  
**Specific Gravity** : 0.805 – 0.815 g/cm<sup>3</sup> @60°C  
**Solubility** : Water: Insoluble @20°C  
**Log Pow** : No data available  
**Log Kow** : No data available  
**Viscosity, Kinematic** : No data available  
**Viscosity, Dynamic** : No data available  
**Explosive Properties** : No data available  
**Oxidizing Properties** : No data available  
**Explosive Limits** : Not applicable

**9.2. Other Information** No additional information available

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:** Hazardous reactions will not occur under normal conditions.  
**10.2 Chemical Stability:** Stable under normal temperature and pressure.  
**10.3 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.  
**10.4 Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Keep away from heat.  
**10.5 Incompatible Materials:** Strong oxidizers. Strong acids.  
**10.6 Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>).

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### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information On Toxicological Effects

**Acute Toxicity** : Not classified

<b>1-Hexadecanol (36653-82-4)</b>	
<b>LD50 Oral Rat</b>	5 g/kg
<b>1-Octadecanol (112-92-5)</b>	
<b>LD50 Oral Rat</b>	2510 mg/kg

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** None expected under normal conditions of use.

**Symptoms/Injuries After Skin Contact:** Contact during a long period may cause light irritation.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** If a large quantity has been ingested: May cause nausea, vomiting, and diarrhea.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

**Ecology - General** : Harmful to aquatic life with long lasting effects.

<b>1-Octadecanol (112-92-5)</b>	
<b>LC50 Fish 1</b>	> 10000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)
<b>EC50 Daphnia 1</b>	1666 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>EC50 Other Aquatic Organisms 1</b>	235 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)

#### 12.2. Persistence and Degradability

<b>AHCOHOL 1618-TA</b>	
<b>Persistence and Degradability</b>	May cause long-term adverse effects in the environment.

#### 12.3. Bioaccumulative Potential

<b>AHCOHOL 1618-TA</b>	
<b>Bioaccumulative Potential</b>	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

<b>1-Hexadecanol (36653-82-4)</b>	
<b>Log Pow</b>	6.65
<b>1-Octadecanol (112-92-5)</b>	
<b>Log Pow</b>	7.19

**12.4. Mobility in Soil** No additional information available

#### 12.5. Other Adverse Effects

**Other Information** : Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

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### SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/TDG

**14.1. UN Number** Not applicable

**14.2. UN Proper Shipping Name** Not regulated for transport.

**14.3. Additional Information**

**Other information** : No supplementary information available.

**Transport by Sea** Not regulated for transport.

**Air Transport** Not regulated for transport.

### SECTION 15: REGULATORY INFORMATION

#### 15.1 US Federal Regulations

##### 1-Hexadecanol (36653-82-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### 1-Octadecanol (112-92-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2 US State Regulations

##### 1-Hexadecanol (36653-82-4)

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

##### 1-Octadecanol (112-92-5)

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

### SECTION 16: OTHER INFORMATION

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### GHS Full Text Phrases:

Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
H412	Harmful to aquatic life with long lasting effects

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*Users must make their own determination that handling, storage, use and disposal of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product or container.*

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