



Shay and Company  
10639 SE Fuller Rd  
Milwaukie, OR 97222  
Ph: 503-653-1155  
info@shayandcompany.com

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# SAFETY DATA SHEET

Version: 1.0  
Revision Date:

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## 1. Product and Company Identification:

**Product:** Cetyl Stearyl (Cetearyl) Alcohol  
**Item Code:** 99296  
**Distributor:** Shay and Company

## 2. Hazard Identification:

**Hazard Symbol:** Not applicable  
**Risk Phrases:** Not applicable

## 3. Composition/Information on Ingredients:

**Ingredient Deck:** Cetyl Stearyl Alcohol  
**CAS no:** 67762-27-0  
**Hazardous Ingredient/s:** n/a

## 4. First Aid Measures:

**Inhalation:** Supply fresh air; consult a doctor in case of complaints  
**Eyes:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
**Skin:** Immediately wash with soap and water and rinse thoroughly. If skin irritation continues, consult a doctor.  
**Ingestion:** Rinse mouth out and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

## 5. Fire Fighting Measures:

**Suitable Extinguishers:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
**Unsuitable Extinguishing Agents:** Water with jet fuel  
**Special hazards arising from substance or mixture:** Under certain fire conditions, traces of other toxic gasses cannot be excluded.  
**Advice for firefighters:** Avoid breathing dust/fumes/gas/mist/vapors/spray  
**Protective equipment:** Do not inhale explosion gasses or combustion gases. Wear self-contained breathing apparatus. Wear fully protective suit.

## 6. Accidental Release Measures:



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**Personal Precautions:** Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol

**Environmental Precautions:** Do not allow product to reach sewage system or any water course.

**Clean Up Procedure:** Pick up mechanically. Dispose of the material collected according to local regulations.

## 7. Handling and Storage:

**Handling Precautions:** Open and handle with care. Keep away from heat and direct sunlight. Store in cool dry place.

**Storage Requirements:**

**Temp. Max:** 40°C/104°F

**Temp. Min:** N/A

## 8. Exposure Controls/Personal Protection:

**Oral:** 55 mg/kg bw/d (general population)

**Skin:** 55 mg/kg bw/d (general population)  
110 mg/kg bw/d (worker)

**Inhalation:** 96 mg/m<sup>3</sup> (general population)  
224 mg/m<sup>3</sup> (worker)

**Protection:**

**Respiratory:** None needed

**Skin:** wear protective gloves

**Eye:** use safety glasses

**Body:** use protective clothing

## 9. Physical and Chemical Properties:

**Description:** White, free flowing, waxy beads; there is an odor when new, but it does not permeate your product

**Solubility in Water (by weight):** not soluble in water

**Melting Point:** 48-52°C/118.4-125.6°F

**Boiling Point:** 345°C/653°F

**Flash Point:** 163°C/325.4°F

## 10. Stability and Reactivity:

**Condition to Avoid:** N/A

**Materials to Avoid:** N/A

**Hazardous Decomposition Products:** No dangerous decomposition products known



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### 11. Toxicological Information:

**Routes of Entry:** Oral, dermal, respiratory  
**Acute Health Effects:** None known  
**Chronic Health Effects:** None known

### 12. Ecological Information:

**No toxic effects observed below water solubility**  
**Biodegradability:** Readily biodegradable  
Not hazardous for water

EC50	250 mg/l (algae) (OECD 201)
LC50	>70 mg/l (daphnia) (OECD 202)
LOEC (Long term)	>0.4 mg/l (fish) (OECD 203)
NOEC (Long term)	2.94 mg/l (daphnia) (OECD 202)
NOEL (Long term)	>0.98 mg/l (daphnia) (OECD 202)
	>10 mg/l (algae) (OECD 201)

### 13. Disposal Considerations:

**Handling Precautions:** None  
**Method of Disposal:** Dispose of accordance with local regulations.  
**Contaminated Packaging:** Dispose of accordance with local regulations.

### 14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.

### 15. Regulatory Information:

TSCA (Toxic Substances Control Act) (US)  
PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
IECSC (Inventory of Existing Chemical Substances in China)  
AICS (Australian Inventory of Chemical  
ENCS (Existing and New Chemical Substances) (Japan)  
KECI (Korean Existing Chemical Inventory)  
DSL (Canadian Domestic Substances List)  
NZIoC (New Zealand Inventory of Chemicals)  
TCSI (Taiwan Chemical Substance Inventory)

### 16. Other Information:



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The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.