



# Safety Data Sheet

## Cetyl Alcohol

July 3rd, 2023

### Section 1: Chemical Product and Company Identification

**Product name:** Cetyl Alcohol  
**Contact Info:** Bramble Berry Inc.  
2138 Humboldt Street  
Bellingham, WA 98225  
info@brambleberry.com  
www.brambleberry.com  
1-877-627-7883

**Emergency Phone Number:**  
Within USA & Canada: 1.800.424.9300 CCN693143  
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

### Section 2: Hazards Identification

#### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### Label Elements

#### **Emergency Overview**

**Appearance:** White waxy solid, flake, or pastille

**Physical State:** Solid

**Odor:** Mild soapy odor

#### Hazards not otherwise classified (HNOC)

Not applicable

### Section 3: Composition/Information on Ingredients

#### Substance

The product contains no substances which at their given concentration, are considered to be hazardous to health.

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight - %</u>
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1-Hexadecanol	36653-82-4	100
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## Section 4: First Aid Measures

### Description of first aid measures

**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact:** Wash with soap and water

**Inhalation:** Remove to fresh air.

**Ingestion:** Clean mouth with water and drink plenty of water.

## Section 5: Fire-Fighting Measures

### Suitable extinguishing media

CO<sub>2</sub>, dry chemicals, dry sand, alcohol-resistant foam.

**Unsuitable extinguishing media:** CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

No information available.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions:** Ensure adequate ventilation, especially in confined areas.

### Environmental precautions

**Environmental Precautions:** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment:** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up:** Pick up and transfer to properly labeled containers.

## Section 7: Handling and Storage

### Precautions for safe handling

**Advice on safe handling:** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities



**Storage Conditions:** Keep containers tightly closed in a dry, cool, well-ventilated place.

**Incompatible materials:** None known based on information supplied.

## Section 8: Exposure Controls/Personal Protection

### Control parameters

**Exposure Guidelines:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Eyewash stations.

### Individual protection measures, such as personal protective equipment

**Eye/face protection:** No special technical protective measures are necessary.

**Skin and body protection:** No special technical protective measures are necessary.

**Respiratory protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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

## Section 9: Physical and Chemical Properties

**Physical state:** Solid

**Appearance:** White waxy solid, flake, or pastille

**Odor:** Mild soapy odor

**Color:** No information available

**Odor threshold:** No information available

**pH:** No information available

**Melting point / freezing point:** 47-52°C

**Boiling point / boiling range:** 249°C

**Flash point:** 160°C

**Evaporation rate:** No information available

**Flammability (solid, gas):** No information available

**Flammability Limit in Air**

**Upper flammability limit:** No information available

**Lower flammability limit:** No information available

**Vapor pressure:** No information available

**Vapor density:** No information available

**Relative density:** No information available

**Water solubility:** No information available



**Solubility in other solvents:** No information available

**Other Information**

**VOC Content (%):** No information available

**Density:** No information available

**Bulk density:** No information available

**Volatility:** No information available

## Section 10: Stability and Reactivity

**Reactivity:** No data available

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** None under normal processing.

**Conditions to avoid:** Avoid creating dust

**Incompatible materials:** None known based on information supplied.

**Hazardous Decomposition Products:** None known based on information supplied

## Section 11: Toxicological Information

**Information on likely routes of exposure**

**Product Information:** No data available

**Inhalation:** No data available.

**Eye contact:** No data available.

**Skin contact:** No data available.

**Ingestion:** No data available.

<b><u>Chemical Name</u></b>	<b><u>Oral LD50</u></b>	<b><u>Dermal LD50</u></b>	<b><u>Inhalation LD50</u></b>
1-Hexadecanol 36653-82-4	>5g/kg Rat	=1130 mg/kg (Rabbit)	>1.5 mg/L (Rat) 4h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization:** No information available.

**Germ cell mutagenicity:** No information available.

**Carcinogenicity:** No information available.

**Reproductive toxicity:** No information available.

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral): 5,000.00

ATEmix (dermal): 2602.60



## Section 12: Ecological Information

### Ecotoxicity

ecotoxicity- 5 day fathead minnow (*Pimephales promelas*) effect concentration > 500 mg/L. 96 hr LC50 bluefill sunfish (*Lepomis Macrochirus*) effect concentration > 1000 mg/L

<u>Chemical Name</u>	<u>Algae/aquatic plants</u>	<u>Fish</u>	<u>Crustacea</u>
1-Hexadecanol 36653-82-4	-	LC50: >0.4mg/L (96h, Oncorhynchus mykiss)	-

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

<u>Chemical Name</u>	<u>Partial coefficient</u>
1-Hexadecanol 36653-82-4	6.65

## Section 13: Disposal Conditions

### Waste treatment methods

**Disposal of wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging:** Do not reuse containers.

## Section 14: Transport Information

**DOT:** Not regulated

**ICAO (air):** Not regulated

**IMDG:** Not regulated

## Section 15: Regulatory Information

### International Inventories

**TSCA:** Complies

**DSL/NDSL:** Complies



**EINECS/ELINCS:** Complies

**ENCS:** Complies

**IECSC:** Complies

**KECL:** Complies

**PICCS:** Complies

**AICS:** Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

**Acute health hazard:** No

**Chronic Health Hazard:** No

**Fire hazard:** No

**Sudden release of pressure hazard:** No

**Reactive Hazard:** No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**



## **Section 16: Other Information**

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.