

## Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** Cetyl Alcohol  
**CAS number:** 36653-82-4  
**EINECS number:** 253-149-0  
**Synonyms:** -  
**INCI name:** Cetyl Alcohol

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of substance/mixture:** Raw material for washing and cleaning agents. Personal care products and industrial applications.

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Bath and Body Base Ltd  
2A Laurel Way  
Bishop Auckland  
Co. Durham  
DL14 7NF  
**Tel:** 07493 064263  
**Email:** technical@bathandbodybase.com

#### 1.4. Emergency telephone number

**Emergency tel:** 07493 064263

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

#### 2.2. Label elements

**Hazard statements:** Not classified.  
**Signal words:** None.  
**Precautionary statements:** Not classified.

#### 2.3. Other hazards

**PBT/vPvB:** This product does not contain any substances classified as PBT or vPvB.

**Section 3: Composition/information on ingredients****3.1. Substances**

**Substances:** Hexadecan-1-ol  
CAS Number: 36653-82-4  
EINECS: 253-149-0

**3.2. Mixtures**

**Mixtures:** Not applicable.

**Section 4: First aid measures****4.1. Description of first aid measures**

**General advice:** Remove contaminated clothing and shoes immediately, and launder before re-using.

**Skin contact:** Wash immediately with soap and plenty of water.

**Eye contact:** Remove contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. If symptoms persist, consult a doctor.

**Ingestion:** Rinse out mouth and give plenty of water to drink. Do not give anything by mouth if the person is unconscious or having cramps.

**Inhalation:** Supply fresh air, consult a doctor in case of symptoms.

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

**Symptoms/effects:** No further relevant information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate/special treatment:** No further relevant information available.

**Section 5: Fire-fighting measures****5.1. Extinguishing media**

**Suitable extinguishing media:** Dry chemical extinguisher, Carbon dioxide (CO<sub>2</sub>), Alcohol-resistant foam.

**Unsuitable extinguishing media:** No information available.

**5.2. Special hazards arising from the substance or mixture**

**Special hazards:** In the event of fire, the following can be released: Carbon monoxide and carbon dioxide, Aldehydes, Ketones.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained respiratory protective device. Wear full protective suit.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** See protective measures under Section 7 and 8. Avoid contact with skin, eyes and clothing. Refer to Section 8 of SDS for personal protection details.

**6.2. Environmental precautions**

**Environmental precautions:** Do not allow product to reach sewage system or any water courses. Do not allow to enter into soil/subsoil.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Pick up mechanically. Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

**Reference to other sections:** See Section 7 for safe handling, Section 8 for personal protection and Section 13 for disposal considerations.

**Section 7: Handling and storage****7.1. Precautions for safe handling**

**Handling requirements:** Provide adequate ventilation, and local exhaust as needed. Avoid contact with skin, eyes and clothing. Avoid formation of dust and aerosols. Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Remove soiled or soaked clothing immediately. Avoid breathing mist and vapours. Provide eye wash fountain in work area. Keep away from heat and sources of ignition. Do not smoke - Keep ignition sources away. Take precautionary measures against static charges. Dust can form an explosive mixture with air. Take precautionary measures against static discharges.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Keep container tightly closed in a cool, well-ventilated place. Avoid contact with oxidising substances.

**7.3. Specific end use(s)**

**Specific end use(s):** See Section 1.

**Section 8: Exposure controls/personal protection****8.1. Control parameters**

**Control parameters:** No exposure limits have been set for this substance.

**DNEL/DMEL:** DNEL for workers:  
Inhalative long term (chronic) systemic 220mg/kg

DNEL for consumers:  
Inhalative long term (chronic) systemic 65mg/m<sup>3</sup>

**Comments:**

The value of indicative human no effect level (INHEL) and not a conventional DNEL. The INHEL is not suitable for quantitative risk characterisation.

**DNEL for consumers:**

Dermal long term (chronic) systemic 75mg/kg

**DNEL for consumers:**

Oral long term (chronic) systemic 75mg/kg

**DNEL for workers:**

Dermal long term (chronic) systemic 125mg/kg

**8.2. Exposure controls**

**Respiratory protection:**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

**Hand protection:**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and anti-static properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.  
 Appropriate Material - butyl rubber  
 Appropriate Material - nitrile rubber

**Eye/face protection:**

Tightly fitting safety glasses (EN 166).

**Other:**

Normal chemical work clothing.

**Environmental:**

No information available.

**Section 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

<b>State:</b>	Solid: flakes; powder
<b>Colour:</b>	Colourless
<b>Odour:</b>	Soap like
<b>pH:</b>	No data available.
<b>Melting point/range:</b>	49°C
<b>Boiling point/range:</b>	319°C
<b>Solubility in water:</b>	<1mg/l @ 23°C
<b>Flashpoint:</b>	149°C
<b>Auto-ignition temperature:</b>	272°C
<b>Vapour pressure:</b>	0.28Pa @ 38°C

<b>Relative density:</b>	0.811 @ 60°C
<b>Partition coefficient (n-Octanol/Water):</b>	Log Pow 6.65
<b>Viscosity, kinematic:</b>	3.394mm <sup>2</sup> /s @ 100°C

**9.2. Other information**

**Other information:** No further relevant information available.

**Section 10: Stability and reactivity****10.1. Reactivity**

**Reactivity:** Not available.

**10.2. Chemical stability**

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

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** No data available.

**10.4. Conditions to avoid**

**Conditions to avoid:** No data available.

**10.5. Incompatible materials**

**Materials to avoid:** Oxidising agents.

**10.6. Hazardous decomposition product**

**Haz. decomp. products:** Aldehydes, Ketones.

**Section 11: Toxicological information****11.1. Information on toxicological effects**

<b>Acute oral toxicity:</b>	LD50 Rat: >2,000mg/kg
<b>Acute dermal toxicity:</b>	LD50 Rabbit: >2,000mg/kg CAS 112-72-1
<b>Acute inhalation toxicity:</b>	LC50 Rat: >0.375mg/l 4hr CAS 112-72-1 LC50 Rat: >0.014mg/l

**11.2. Symptoms/routes of exposure**

<b>Skin contact:</b>	Non-irritant to skin.
<b>Eye contact:</b>	Non-irritant to eyes.
<b>Ingestion:</b>	No data available.

<b>Inhalation:</b>	Respiratory or skin sensitization non sensitizing
<b>Carcinogenicity:</b>	No data available.
<b>Germ cell mutagenicity:</b>	Not mutagenic.
<b>Teratogenicity:</b>	STOT - single exposure: No data available  STOT - repeated exposure: NOAEL Oral Rat: >1,000mg/kg 4 weeks

## Section 12: Ecological information

### 12.1. Toxicity

<b>Toxicity:</b>	Toxicity to fish (acute) LC50 Salmo gairdneri: >0.4mg/l 96hr OECD 203  Toxicity to algae (chronic) ERL50 Scenedesmus subspicatus: >980mg/l 96hr OECD 201
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### 12.2. Persistence and degradability

<b>Persistence and degradability:</b>	Value: 82.4% Duration: 28d Method: 301B Readily biodegradable
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### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential:</b>	Log Pow 6.65
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### 12.4. Mobility in soil

<b>Mobility:</b>	No further relevant information available.
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### 12.5. Results of PBT and vPvB assessment

<b>PBT identification:</b>	This product is not identified as a PBT/vPvB substance.
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### 12.6. Other adverse effects

<b>Other adverse effects:</b>	No further relevant information available. Do not discharge product unmonitored into the environment.
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## Section 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Waste treatment methods:</b>	Avoid release to the environment. Refer to special instructions/Safety data sheets. Disposal should be in accordance with local, state or national legislation. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.
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**Section 14: Transport information**

<b>UN number or ID number:</b>	Not applicable.
<b>UN proper shipping name:</b>	Not applicable.
<b>Transport hazard class(es):</b>	Not applicable.
<b>Packaging group:</b>	Not applicable.
<b>Environmental hazards:</b>	Not applicable.
<b>Special precautions for user:</b>	Not applicable.
<b>Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Not applicable.

**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>Specific regulations:</b>	<p>Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation): In accordance with the Reach regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in Annex XIV, inventory of substances requiring authorisation.</p> <p>REACH candidate list of substances of very high concern (SVHC) for authorisation: In accordance with article 57 and 59 of the Reach regulation (EC) 1907/2006, this substance is not considered as subject to listing in Annex XIV, inventory of substances requiring authorisation (Authorization list).</p> <p>Regulation (EC) No 1907/2006 (REACH) Annex XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles: The substance is not subject to the provisions of Annex XVII (restriction entries) of the Reach regulation (EC) 1907/2006.</p> <p>Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances: The substance is not subject to part 1 or 2 of Annex.</p>
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**15.2. Chemical Safety Assessment**

<b>Chemical safety assessment:</b>	A chemical safety assessment has not been carried out for this substance.
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**Section 16: Other information****16.1. Other information****Other information:**

\* Indicates text in the SDS which has changed since the last revision.

**Legal disclaimer:**

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Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

Compliance with all appropriate local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this document should be provided to your employees or customers.