

## Safety Data Sheet CETYL ALCOHOL

Version 1.0

Issue Date: 10/15/2019

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** : CETYL ALCOHOL

#### Recommended use of the chemical and restrictions on use

Recommended use : Industrial chemical

Restrictions on use : Reserved for industrial and professional use.

#### Manufacturer or supplier's details

**Company** : Voyageur Soap & Candle Co. LTD  
**Address** : Unit 14 - 19257 Enterprise  
Way, Surrey BC V3S 6J8

**Emergency telephone number:**  
CHEMTREC (1-800-424-9300)

**Additional Information:** : Responsible Party: Product Compliance Department

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin irritation : Category 2

Eye irritation : Category 2A

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H315 Causes skin irritation.  
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P280 Wear eye protection/ face protection.  
P280 Wear protective gloves.  
**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water  
for several minutes. Remove contact lenses, if present and easy  
to do. Continue rinsing.  
P332 + P313 If skin irritation occurs: Get medical advice/ atten-



## Safety Data Sheet CETYL ALCOHOL

Version 1.0

Issue Date: 10/15/2019

tion.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.

### Other hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

#### Hazardous components

CAS-No.	Chemical name	Weight percent
36653-82-4	1-Hexadecanol	90 - 100

Any Concentration shown as a range is due to batch variation.

### SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use an extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : High volume water jet



## Safety Data Sheet CETYL ALCOHOL

Version 1.0

Issue Date: 10/15/2019

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|---|---|
| Specific hazards during fire-fighting         | : Do not allow run-off from fire fighting to enter drains or water courses.   |
| Hazardous combustion products                 | : Carbon oxides   |
| Specific extinguishing methods                | : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Further information                           | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.                |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.  |
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |   |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.<br>Avoid dust formation.<br>Avoid breathing dust.  |
| Environmental precautions   | : Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up               | : Keep in suitable, closed containers for disposal.   |
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### SECTION 7. HANDLING AND STORAGE

- |   |  |
|---|--|
| Advice on protection against fire and explosion | : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.  |
| Advice on safe handling                         | : Avoid formation of respirable particles.<br>Do not breathe vapours/dust.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Dispose of rinse water in accordance with local and national regulations. |
| Conditions for safe storage                     | : Keep container tightly closed in a dry and well-ventilated place.<br>Containers which are opened must be carefully resealed and kept upright to prevent leakage.<br>Electrical installations / working materials must comply with the technological safety standards.  |



## Safety Data Sheet CETYL ALCOHOL

Version 1.0

Issue Date: 10/15/2019

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

#### Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Dust impervious protective suit  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : flakes, powder

Colour : white

Odour : mild, like soap

Odour Threshold : No data available

pH : No data available

Freezing Point (Melting point/range) : 47 - 50 °C (117 - 122 °F)

Boiling Point (Boiling point/boiling range) : 248.9 °C (480.0 °F)  
(1013.0 hPa)

Flash point : 160 °C (320 °F)  
Method: Pensky-Martens closed cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available



## Safety Data Sheet CETYL ALCOHOL

Version 1.0

Issue Date: 10/15/2019

Upper explosion limit	: 3 %(V)
Lower explosion limit	: 0.5 %(V)
Vapour pressure	: 1 mmHg @ 22 °C (72 °F)
Relative vapour density	: 8.3
Relative density	: 0.81 @ 25 °C (77 °F) Reference substance: (water = 1)
Density	: No data available
Solubility(ies) Water solubility	: insoluble
Solubility in other solvents	: No data available
Partition coefficient: n- octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: 252 °C

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No hazards to be specially mentioned.  Dust may form explosive mixture in air.
Conditions to avoid	: None known.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: Aldehydes Carbon oxides Ketones water vapor



## Safety Data Sheet CETYL ALCOHOL

Version 1.0

Issue Date: 10/15/2019

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Skin corrosion/irritation

**Product:**

Remarks: Irritating to skin.

#### Serious eye damage/eye irritation

**Product:**

Remarks: Irritating to eyes.

#### Carcinogenicity

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

#### Aspiration toxicity

**Product:**

No aspiration toxicity classification

#### Further information

**Product:**

Remarks: No data available

### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No data available

#### Persistence and degradability

No data available

#### Bioaccumulative potential

No data available



## Safety Data Sheet CETYL ALCOHOL

Version 1.0

Issue Date: 10/15/2019

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Very toxic to aquatic life.  
May cause long lasting harmful effects to aquatic life.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.  
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Univar Solutions ChemCare: 1-800-909-4897

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

**DOT (Department of Transportation):** Not regulated as a dangerous good

### **UNRTDG**

Not regulated as a dangerous good

**IATA (International Air Transport Association):** Not regulated as a dangerous good

**IMDG-Code:** Not regulated as a dangerous good

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## SECTION 15. REGULATORY INFORMATION



# Safety Data Sheet

## CETYL ALCOHOL

Version 1.0

Issue Date: 10/15/2019

**WHMIS Classification** : : Not Rated

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

36653-82-4 1-Hexadecanol

### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

### US State Regulations

#### Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

#### Pennsylvania Right To Know

36653-82-4 1-Hexadecanol 90 - 100 %

#### New Jersey Right To Know

36653-82-4 1-Hexadecanol 90 - 100 %

**California Prop 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory



# Safety Data Sheet

## CETYL ALCOHOL

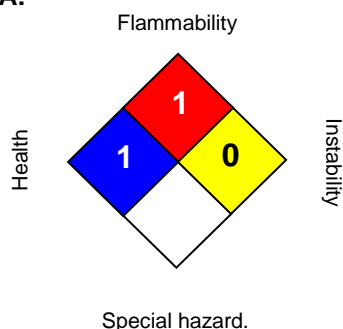
Version 1.0

Issue Date: 10/15/2019

DSL	:	All components of this product are on the Canadian DSL
AICS	:	On the inventory, or in compliance with the inventory
NZIoC	:	On the inventory, or in compliance with the inventory
ENCS	:	On the inventory, or in compliance with the inventory
ISHL	:	On the inventory, or in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory
CH INV	:	On the inventory, or in compliance with the inventory

### SECTION 16. OTHER INFORMATION

#### NFPA:



#### HMIS III:

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

#### Disclaimer

The information provided in this Material Safety Data Sheet is based on current available data and knowledge and is believed to be accurate and given in good faith. Voyageur Soap & Candle Co. LTD and its subsidiaries however assume no liability and make no warranty, either expressed or implied, pertaining to the accuracy and completeness of the information contained herein including in regards to fitness and merchantability. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and therefore should not be construed as guaranteeing any specific property. The information herein relates only to the specific designated material and may not be valid for such material used in combination with any other materials, or in any process not specified in the text. Users should therefore consider this data only as a supplement to other information available from all other sources, and should incorporate this information into programs for the proper use and disposal of their materials and the health and safety of employees and customers.

End of Safety Data Sheet

Issue Date : 10/15/2019



## Safety Data Sheet CETYL ALCOHOL

Version 1.0

Issue Date: 10/15/2019

<b>Key or legend to abbreviations and acronyms used in the safety data sheet</b>			
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		