



SAFETY DATA SHEET (according to Act No. 356/2003 Coll. and Decree No. 231/2004 Coll.)		
Product Name	CETYLSTEARYL ALCOHOL	
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## 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE MANUFACTURER AND IMPORTER

### 1.1 Identification of the substance or preparation

Name of the substance or preparation: CETYLSTEARYL ALCOHOL  
Other names of the substance or preparation: CTFA name: Cetearyl Alcohol

**1.2 Use of substance or preparation** Use in the cosmetic industry.

### 1.3 Identification of the manufacturer/

**importer** Name or business name of the importer: Place of business or registered office:

Identification number: Ekokoza s.r.o.  
Phone:  
Fax: Fryčovice 297, 73945, Fryčovice ID: 07508247,  
E-mail: eshop@ekokoza.cz

### 1.4 Telephone number for emergency situations

Emergency phone number: +420 2 2491 9293, +420 2 2491 5402, +420 2 2491 4571  
Toxicology Information Center, Na Bojišti 1, 128 08 Prague 2

## 2. INFORMATION ON THE COMPOSITION OF THE SUBSTANCE OR PREPARATION

### 2.1 General description of the

**preparation** Fatty alcohol produced by the hydrogenation process from palm fatty acid. Contains approx. 50% cetyl alcohol and approx. 50% stearyl alcohol. Both of these alcohols are normal primary alcohols having one hydroxyl group.

*Cetyl Stearyl Alcohol*  
CAS Number: 8005-44-5

**2.2 Hazardous substance or hazardous components of the product** *Contains no hazardous substance or components in the sense of Act No. 356/2003 Coll.*

## 3. DATA ON THE HAZARDS OF THE SUBSTANCE OR PREPARATION

### 3.1 Overall classification of the substance or preparation

*The substance / preparation is not classified as dangerous in the sense of Act No. 356/2003 Coll.*

### 3.2 Hazardous effects on health and the environment

Not under normal conditions of use.

### 3.3 Other possible risks

**3.4 Information on the packaging** See point 15.

## 4. FIRST AID INSTRUCTIONS

### 4.1 General instructions

If symptoms persist or in case of more serious health damage, always consult a doctor.

### 4.2 Inhalation

In case of irritation of the respiratory system, move the affected person to fresh air. Avoid prolonged breathing of the product. Seek medical attention.

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#### 4.3 In case of skin contact

Remove contaminated **clothing**, wash the affected skin with running water and soap. **If** irritation persists, seek medical attention.

#### 4.4 In case of eye contact

Immediately flush wide **open eyes** with running water for at least 10 minutes. See a doctor.

#### 4.5 If swallowed

Seek medical attention.

#### 4.6 Additional information

### 5. FIRE FIGHTING MEASURES

#### 5.1 Suitable extinguishing

**agents** Foam, powder, carbon **dioxide**

#### 5.2 Unsuitable extinguishing

**agents** High-pressure water jet

#### 5.3 Special Hazards

#### 5.4 Special protective equipment for firefighters

#### 5.5 Other information

Avoid contact with **oxidizing** agents.

### 6. MEASURES IN CASE OF ACCIDENTAL RELEASE OF SUBSTANCE OR PREPARATION

#### 6.1 Preventive measures for personal protection Use

personal protective **equipment**. Usual **precautions when** handling chemicals.

#### 6.2 Preventive measures for environmental protection Prevent leakage into

underground, surface and waste waters, **soils** and sewers.

#### 6.3 Recommended cleaning and disposal methods Follow up with

an absorbent ( **clay**, sand) and transfer to a suitable replacement container in compliance with regulations.

### 7. INSTRUCTIONS FOR HANDLING AND STORAGE OF THE SUBSTANCE OR PREPARATION

#### 7.1 Handling

##### 7.1.1 Preventive **measures** for safe handling of the substance or preparation Use personal

protective **equipment**. Follow the rules for working with chemicals. Do not eat, drink or smoke **while** working. After work and before eating, wash your hands with soap and water and **treat with** repair cream.

Protect from sources of ignition, **take measures** against the creation of an electrostatic charge caused by handling the product.

Avoid exposing the product to excessive heat. Avoid dust contamination.

##### 7.1.2 Preventive **measures** for environmental protection

##### 7.1.3 Specific requirements or rules

#### 7.2 Storage

##### 7.2.1 Conditions for safe storage Store in tightly

closed containers. Store in a dry place. Do not store with food, food packaging or products that can be ingested by humans.



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7.2.2 Quantitative limits for given storage conditions

7.2.3 Specific (specific) uses of final products

## 8. LIMITATION OF EXPOSURE TO THE SUBSTANCE OR PREPARATION AND PERSONAL PROTECTION

### 8.1 Exposure limits Control

parameters of the substance or components of the preparation are not specified in NV No. 178/2001 Coll. as amended .

The limit values of indicators of biological exposure tests for the preparation are not specified in Decree No. 432/2003 Coll.

### 8.2 Limiting Exposure

#### 8.2.1 Limiting worker exposure

Keep away from food, drink and feed. Remove **clothing** contaminated with the product immediately.

Usual **precautions** for handling chemicals.

##### 8.2.1.1 Respiratory protection

Avoid prolonged breathing of the product

##### 8.2.1.2 Hand protection

Protective rubber gloves

##### 8.2.1.3 Eye protection Tight

safety glasses

##### 8.2.1.4 Skin protection

#### 8.2.2 Limiting environmental exposure See Act No. 86/2002

Coll., on air protection; Act No. 254/2001 Coll., on water.

## 9. INFORMATION ON THE PHYSICAL AND CHEMICAL PROPERTIES OF THE SUBSTANCE OR PREPARATION

### 9.1 General information Physical

state (at 20 °C) solid flakes	Color	Odor (aroma)
	white waxy (in solid state)	characteristic

### 9.2 Important information from the point of view of health, safety and environmental protection Quantity Value

Unit information not available - pH value	Boiling point (boiling point range) information not available °C	Melting point (melting point range) 50 – 54 °C	Flash point
information not available °C	Ignition temperature information not available °C	Gas class information not available - Flammability	
information not available - Autoignition	information not available - Explosive properties	information not available -	
information not available vol.%	Explosive limits upper limit information not available vol.%	lower limit	Oxidizing
properties information not available - insoluble			
Solubility in water (at 20 °C) in fats (including			-
oil specification) information not available - information not available - information not			
Partition coefficient n-octanol/water	available -		
Miscibility			



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Density (at 20 °C)	0.8	g.cm-3
Viscosity (at 20 °C)	information not available mPa.s	information not
Conductivity	available S.cm-1 < 1 mbar	information not
Vapor tension (at 20 °C)	available	information not
Vapor density	available dm3 .h-1	
Evaporation rate		

### 9.3 Additional Information

## 10. INFORMATION ON THE STABILITY AND REACTIVITY OF THE SUBSTANCE OR PREPARATION

### 10.1 Conditions under which the product is stable Under

normal conditions of storage and handling, the product is stable.

### 10.2 Conditions to avoid Avoid contact with oxidizing

agents.

### 10.3 Substances and materials that cannot be used

### 10.4 Hazardous decomposition products CO,

CO2, smoke

## 11. INFORMATION ON THE TOXICOLOGICAL PROPERTIES OF THE SUBSTANCE OR PREPARATION

### 11.1 Description of symptoms of exposure

Ø By inhalation

Ø By contact with the skin

Ø By contact with the eyes

Ø By ingestion

### 11.2 Hazardous health effects

Ø Acute toxicity

LD50 oral, rat (mg.kg-1): no information available LD50 dermal, rat or rabbit (mg.kg-1): no information available LC50 inhalation, rat, for aerosols or particles (mg.dm-3) : information not available

LC50 by inhalation, rat, for gases and vapors (mg.dm-3): no information available

Ø Subchronic - chronic toxicity

Ø Sensitization

Skin sensitivity: unknown

Skin irritation: unknown

Eye irritation: unknown

Ø Narcotic effects

Ø Carcinogenicity

Ø Mutagenicity

Ø Reproductive toxicity

Ø Carrying out tests on animals

Ø Additional

information According to current experience, the product is harmful in a physiological sense.

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## 12. ECOLOGICAL INFORMATION ON THE SUBSTANCE OR PREPARATION

### 12.1 Ecotoxicity - acute toxicity for aquatic organisms and other environments LC50, 96 h, fish

(mg.dm-3): no information available

EC50, 48 h, daphnia (mg.dm-3): no information available

IC50, 72 h, algae (mg.dm-3): no information available

### 12.2 Mobility

### 12.3 Persistence and degradability Readily

biodegradable (> 90%) dissolved in water.

### 12.4 Bioaccumulative potential

### 12.5 Other adverse effects Prevent

leakage into underground, surface and waste waters, **soils** and sewers. Due to the low solubility in water, larger amounts can be eliminated with oil or fat separators.

## 13. INSTRUCTIONS FOR DISPOSAL OF THE SUBSTANCE OR PREPARATION

**13.1 Information on safe handling when removing the substance or preparation** According to the waste catalog, this is not hazardous waste.

### 13.2 Methods of removing the substance or preparation and contaminated packaging

Hand over **marked** waste, including the waste identification sheet, to a specialized company for removal with authorization for this activity.

### 13.3 Legal regulations on waste Act No.

185/2001 Coll., on waste as amended .

If this product and its packaging become waste, the end user must **assign** the corresponding waste code according to Decree No. 381/2001 Coll. as amended .

Act No. 477/2001 Coll. on packaging as amended .

## 14. INFORMATION FOR THE TRANSPORTATION OF THE SUBSTANCE OR PREPARATION

### 14.1 Special preventive measures during transport or transportation inside or outside the company

### 14.2 Transport classification Not

subject to regulations for the transport of dangerous goods.

## 15. INFORMATION ON LEGAL REGULATIONS RELATING TO THE SUBSTANCE OR PREPARATION

### 15.1 Information on the packaging (in the

sense of Act No. 356/2003 Coll. and Decree No. 232/2004 Coll.)

The provisions of Act No. 356/2003 Coll. do not apply to **the labeling** of the substance/ preparation.

### 15.2 Specific provisions regarding the protection of persons or the environment (at the level of the Czech Republic)

### 15.3 Specific provisions regarding the protection of persons or the environment (at EU level)

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## 16. OTHER INFORMATION RELATING TO THE SUBSTANCE OR PREPARATION

### 16.1 List of R-phrases used in the safety data sheet

### 16.2 Instructions for training See

§ 132 et seq. of the Labor Code **16.3**

### Recommended restrictions on use The

substance should **not** be used for any purpose other than that for which it is intended (see point 1.2). As the specific conditions of use of the substance are beyond the supplier's control, it is the user's responsibility to **adapt** the prescribed warnings to local laws and regulations.

The safety information describes the product in terms of safety and cannot be considered as technical information about the product.

### 16.4 Additional Information

#### Ø The safety data sheet was prepared by:

Ekokoza.cz, Hugo Čapek, Lesní Jakubov 21, 675 73 Rapotice

Additional information will be provided by the processor of the safety data sheet or the importer/manufacture (see § 23 of Act No. 356/2003 Coll.)

### 16.5 Sources of data used to compile the safety data sheet The information provided here

is based on our best knowledge and current legislation, especially Act No. 356/2003 Coll. including implementing regulations. The safety data sheet was further processed based on the original safety data sheet provided by the manufacturer.

### 16.6 Changes during the revision of the safety data sheet

The structure of the safety data sheet has been changed based on Act No. 356/2003 Coll. including implementation regulations.

Current applicable laws are listed .