

SAFETY DATA SHEET (according to Act No. 356/2003 Coll. and Decree No. 231/2004 Coll.)		
Product name	CETYL ALCOHOL	
Release date:	4/11/2002	Version A
Revision date:	28/07/2020	Page 1/6

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: CETYL ALCOHOL
 preparation: Other names of the substance or preparation: CTFA name: Cetyl

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

1.3 Identification of the manufacturer/

importer Name or business name of the importer: Ekokoza sro
 Place of business or registered office: Fryčovice 297, 739 45 Fryčovice

Identification number: 70412430
 Phone: +420 568420653
 Fax:
 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 Cetyl alcohol (1-Hexadecanol)

CAS number: 36653-82-4

2.2 Hazardous substance or hazardous components of the product

Contains no hazardous substance or components within the meaning 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, semi-recumbent position, loosen clothing, rest. Oxygen or artificial respiration for breathing problems. Seek medical attention after significant exposure. Symptomatic care is recommended.

SAFETY DATA SHEET (according to Act No. 356/2003 Coll. and Decree No. 231/2004 Coll.)		
Product name	CETYL ALCOHOL	
Release date:	4/11/2002	Version A
Revision date:	28/07/2020	Page 2/6

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 , clay

5.2 Unsuitable extinguishing

agents Water stream

5.3 Special Hazards

5.4 Special protective equipment for firefighters In case of

insufficient ventilation, use a breathing apparatus.

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. Do not inhale vapors/aerosols.

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.

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.

SAFETY DATA SHEET		
(according to Act No. 356/2003 Coll. and Decree No. 231/2004 Coll.)		
Product name	CETYL ALCOHOL	
Release date:	4/11/2002	Version A
Revision date:	28/07/2020	Page 3/6

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

None

8.2.1.2 Hand protection

None

8.2.1.3 Eye protection

Safety glasses

8.2.1.4 Skin protection

None

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 State (at 20

°C) solid Color white waxy	
Odor (aroma) characteristic	

9.2 Important health, safety and environmental information *Quantity Value Unit*

pH value	information not available - unknown °C	
Boiling point (boiling point range)	46 – 49 °C 180 °C unknown °C	
Melting point (melting point range)	information not available -	
Flash-point	information not available -	
Ignition temperature	unknown information not	
Gas class	available - unknown explosive properties	
Combustibility	vol.% unknown vol.% unknown insoluble	
Spontaneous ignition	information	-
Explosive properties	not available available - information not	
Explosive limits upper limit lower limit	available -	
Oxidizing properties		-
Solubility in water (at 20 °C) in fats (including		-
oil specification)		
Partition coefficient n-octanol/water		

SAFETY DATA SHEET		
(according to Act No. 356/2003 Coll. and Decree No. 231/2004 Coll.)		
Product name	CETYL ALCOHOL	
Release date:	4/11/2002	Version A
Revision date:	28/07/2020	Page 4/6

Miscibility	information not available - g.cm-3 0.81	
Density (at 20 °C)		9.7
Viscosity (at 20 °C)		mPa.s
Conductivity	information not available S.cm-1	
Vapor tension (at 20 °C)	less than 1	mbar
Vapor density	information not available - information	
Evaporation rate	not available dm3 .h-1	

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

10.3 Substances and materials that cannot be used

Avoid contact with **oxidizing** agents.

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): 5000 - 15000 LD50 dermal, rat or rabbit (mg.kg-1): no information available

LC50 inhalation, rat, for aerosols or particles (mg.dm-3): information is 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: slightly irritating

Eye irritation: slightly irritating

Ø Narcotic effects

Ø Carcinogenicity

Ø Mutagenicity

Ø Reproductive toxicity

Ø Carrying out tests on animals

Ø Additional

information Harmful in a physiological sense.

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Product name	CETYL ALCOHOL	
Release date:	4/11/2002	Version A
Revision date:	28/07/2020	Page 5/6

12. ECOLOGICAL INFORMATION ABOUT 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

Biodegradable.

12.4 Bioaccumulative potential

12.5 Other adverse effects 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 disposal with authorization for this activity. Recommended detergent: water.

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)

SAFETY DATA SHEET (according to Act No. 356/2003 Coll. and Decree No. 231/2004 Coll.)		
Product name	CETYL ALCOHOL	
Release date:	4/11/2002	Version A
Revision date:	28/07/2020	Page 6/6

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 Safety data sheet was prepared by:

Ekokoza.cz, Hugo ťapek, Lesní Jakubov 21, 67573 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 .
