

SAFETY DATA SHEET

CETYL ALCOHOL NF, C-16, 98%

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: CETYL ALCOHOL NF, C-16, 98%

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

Classifications and labeling according to the Globally Harmonized System (GHS)

The substance is not classified according to this regulation

Classification system

NFPA

Health

0

Flammability

1

Instability/Reactivity

0

HMIS ®

Health

0

Flammability

1

Reactivity

0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Common name	CAS NO.	EC number
1-Hexadecano l	Cetyl Alcohol	36653-82-4	253-149-0

4. FIRST AID MEASURES

General information:

No special measures required

After eye contact:

Rinse opened eyes for several minutes under running water. If symptoms persists, consult a doctor

After skin contact:

Generally the product does not irritate the skin. If skin irritation continues, consult a doctor

After inhalation:

Supply fresh air, consult doctor in case of complaints

After swallowing:

Rinse out mouth and then drink plenty of water. If symptom persists consult the doctor

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents:

Small fire

Use fire extinguishing methods suitable to surrounding conditions: CO2, extinguishing powder or water spray

Large fire

Use alcohol resistant foam

Unsuitable extinguishing agents:

Water with full jet

Protective equipment:

Wear suitable protective clothing in dangerous zone

Additional information:

Cool endangered receptacles with water spray

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precaution:

Avoid formation of dust

Measures for environmental protection:

No special measures required

Measures for cleaning/collecting:

Pick up mechanically

7. HANDLING AND STORAGE

Safe handling:

No special measures required

Fire and explosion protection:

No special measures required

Storage

Store room and receptacles:

Keep receptacle tightly sealed

Suitable material:

Steel or stainless steel. Use polyolefine lining in receptacles

Information about storage in one common facility

Not required

Maximum temperature:

104 °F (16/98P), 158 °F (16/98)

Minimum temperature:

122 °F (16/98)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals

Respiratory protection:

Not required

Eye protection:

Safety glasses

Skin protection:

Protective gloves

Body protection:

Protective work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Form at room temperature (25 °C)	Solid, pastilles
Color	Colorless, white when solidified
Odor	Specific type
Change in condition	
Solidification point, °C	47–49
Melting point, °C	47-51
Boiling point, °C	330-333
Flash point, °C	approx. 149
Vapor pressure at 20 °C, hPa	< 0.1
Density at 55 °C, g/cm ³	approx. 0.81
Viscosity at 55 °C, mPa.s	approx. 12
Solubility	Insoluble in water

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions:

Reacts with strong acids and oxidizing agents

Conditions to be avoided:

No decomposition if used according to specification

Hazardous decomposition products:

No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

LD/LC50 values relevant for classification:		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)
Inhalative	LC50	>0.375 mg/l (rat)

Primary irritant effects

On the skin:

No irritating effect

On the eye:

No irritating effect

Sensitization:

No sensitizing effect known

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effect due to our experience and the information provided to us

12. ECOLOGICAL INFORMATION

Aquatic toxicity:

EC50 (static)	>680 mg/l (algea) (OECD 201) >70 mg/l (daphnia) (OECD 202)
LC50 (static)	>0.4 mg/l (fish) (OECD 203)
NOEC (Long term)	>0.98 mg/l (daphnia) (OECD 202)
NOEL (Long term)	>10 mg/l (algea) (OECD 201)

Persistence and degradability:

Easily biodegradable

Method:

OECD 301B

Analyzing method:

CO₂-Evolution

Degree of elimination:

82%

Classification:

Readily biodegradable

Ecotoxicological effects:

Sediment toxicity – LC50

>3800 mg/kg ww (ostracods)

Terrestrial toxicity – LC50

>1500 mg/kg dw (earth worm)

General notes:

Generally not hazardous for water

13. DISPOSAL CONSIDERATIONS

Product Disposal:

On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be disposed of with domestic waste or incinerated with domestic waste

Smaller quantities can be disposed of with household waste

Contaminated packaging:

Disposal must be made according to official regulation

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

As your supplier, we have no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product as shipped in its intended condition as described in SDS section 3: Composition Information.

14. TRANSPORT INFORMATION

General information:

Not hazardous according to RID/ADR, IMDG, ICAO/IATA

15. REGULATORY INFORMATION

Inventory list:

Listed on:

TSCA (Toxic Substances Control Act) (US)
PICCS (Philippines Inventory of Chemicals and Chemical Substances)
IECSC (Inventory of Existing Chemical Substances in China)
AICS (Australian Inventory of Chemical Substances)
ENCS (Existing and New Chemical Substances) (Japan)
KECI (Korean Existing Chemical Inventory)
DSL (Canadian Domestic Substances List)
NZIC (New Zealand Inventory of Chemicals)
ECSI (Existing Chemical Substances Inventory) (Taiwan)

Not listed on:

Sara Section 355 (extremely hazardous substances) and Section 313 (specific toxic chemical listing)
Proposition 65
EPA (Environmental Protection Agency)
TLV (Threshold Limit Value establish by ACGIH)

MAK (German Maximum Workplace Concentration)
NIOSH-Ca (National Institute for Occupational Safety and Health)
IARC (International Agency for Research on Cancer)
NTP (National Toxicology Program)
OSHA-Ca (Occupational Safety and Health Administration)

Classification and labeling according to the Globally Harmonized System (GHS)

The substance is not classified according to this regulation

16. OTHER INFORMATION

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