

SAFETY DATA SHEET

CETYL STEARYL ALCOHOL 30/70

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Cetyl Stearyl Alcohol 30/70-P

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

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

The substance is not classified according to this regulation

Classification system

NFPA ratings (scale 0 – 4)

Health

0

Fire

1

Reactivity

0

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Fatty Alcohol C-16-C18	67762-27-0	100

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

After inhalation:

Supply fresh air, consult doctor in case of complaints

After swallowing:

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 water spray or 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

Handling

Safe handling:

Keep receptacles tightly sealed

Fire and explosion protection:

Keep ignition sources away - Do not smoke

Storage

Store room and receptacles:

No special requirements

Information about storage in one common facility:

Not required

Maximum temperature:

104 °F

Minimum temperature:

131 °F

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed
Wash hands before breaks and at the end of work
Avoid contact with the eyes and skin
Immediately remove all soiled and contaminated clothing

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)	Fuse, solid, flakes, pastilles
Color	Colourless, white when solidified
Odor	Waxy
Change in condition	
Solidification point, °C	Approx.. 48 – 52
Boiling point °C	Approx.. 345
Flash point °C	Approx. 163
Vapor Pressure at 20°C, hPa	< 0.1
Density at 65°C, g/cm ³	Approx.. 0.81
Viscosity at 65°C, mPa.s	Approx. 12
Solubility	Insoluble in water
Decomposition temperature °C	< 300

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions:

No dangerous reaction known

Conditions to be avoided:

No decomposition if used according to specification

Hazardous decomposition products:

No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

Acute toxicity

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)
	LD50	>0.014 ppm (rat)

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:

No toxic effects were observed below the water solubility

EC50 (static)

250 mg/l (alga) (OECD 201)

>70 mg/l (daphnia) (OECD 202)

LC50 (static)

>0.4 mg/l (fish) (OECD 203)

Long term toxicity - LOEC (static)

2.94 mg/l (daphnia) (OECD 202)

Long term toxicity – NOEC

>0.98 mg/l (daphnia) (OECD 202) Long term toxicity – NOEL >10 mg/l (algae) (OECD 201)

Persistence and degradability:

Easily biodegradable Method:

OECD 301B

Degree of elimination:

82 – 95%

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

Recommendation:

Smaller quantities can be disposed of with Household waste

Uncleaned packaging

Recommendation:

Disposal must be made according to official regulation

14. TRANSPORT INFORMATION

General information:

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

MARPOL 73/78 and IBC Code:

Alcohols (C13+) or Alcohols (C14-C18), primary, linear and essentially linear Ship Type 2;
Pollution Category Y

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)

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16. OTHER INFORMATION

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