



Revision Date: January 8, 2020

SAFETY DATA SHEET

CETEARYL ALCOHOL 50-50

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Cetearyl Alcohol 50-50
INCI Name: Cetyl Stearyl Alcohol
CAS Number: 67762-27-0

Recommended Use: Initial product for chemical reactions, Additive for cosmetic or
Pharmaceutic preparations, Cosmetic auxiliary, Plasticizer

Company: Spiral Eyes, LLC
9602 Highway 19
#1293
Phone: 413-522-6162

Emergency Phone Number: Chemtrec: 800-424-9300

2. HAZARD IDENTIFICATION

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

The substance is not classified according to this regulation

NFPA ratings (scale 0 - 4)



WHMIS ratings (scale 0 - 4)



3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name : Fatty alcohol C16-C18
Common name : Cetyl Stearyl Alcohol
CAS number : 67762-27-0
EC number : 267-008-6



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	<ul style="list-style-type: none">• Use fire extinguishing methods suitable to surrounding conditions CO2 powder or water spray
Large fire	<ul style="list-style-type: none">• 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 requirement
Information about storage in one common facility	: Not required
Maximum temperature	: 104 °F (Ecorol 68/50F,P), 158 °F (Ecorol 68/50)
Minimum temperature	: 131 °F (Ecorol 68/50)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General protective and hygienic measures	: The usual precautionary measures for handling chemicals should be followed Keep away from foodstuffs, beverages and feed Wash hands before breaks and at the end of work
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
Color	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 reactions 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	>0.14 ppm (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:

No toxic effects were observed below the water solubility

EC50 (static)	>250 mg/l (algae) (OECD 201)
	>70 mg/l (daphnia) (OECD 202)
LC50 (static)	>0.4 mg/l (fish) (OECD 203)
LOEC (Long term toxicity) (static)	2.94 mg/l (daphnia) (OECD 202)
NOEC (Long term toxicity)	>0.98 mg/l (daphnia) (OECD 202)
NOEL (Long term toxicity)	>10 mg/l (algae) (OECD 201)

Persistence and degradability : Easily biodegradable



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Method : OECD 301B
Degree of elimination : 82 – 95%
Classification : Readily biodegradable

Ecotoxicological effects:	
LC50 (Sediment toxicity)	>3800 mg/kg ww (ostracods)
LC50 (Terrestrial toxicity)	>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

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 listings)
- Proposition 65
- EPA (Environmental Protection Agency)
- TLV (Threshold Limit Value established by ACGIH)
- MAK (German Maximum Workplace Concentration)
- NIOSH-Ca (National Institute for Occupational Safety and Health)

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16. OTHER INFORMATION

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