1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Cetearyl Alcohol 50-50

Company:

MuddySoapCo Inc
205 N Sycamore St
Tomball, Texas 77375

832-534-1948

Emergency Contact: Infotrac: 800-535-5053

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

WHMIS ratings (scale 0 - 4)

Health = 0
Fire = 1
Reactivity = 0

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.
Cetearyl Alcohol	67762-27-0

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.
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 CO_2 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 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/cm3	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	LD50	> 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)	> 10mg/l (algae) (OECD 201)

Persistence and degradability: Easily biodegradable
Method: OECD 301B
Degree of elimination: 82 – 95 %
Classification: Readily biodegradable

Ecotoxical effects:	
LC50 (Sediment toxicity)	> 3800 mg/kg ww (ostracods)
LC50 (Terrestric 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 Substance Control Act) (US)
- PICCS (Philippines Inventory of Chemicals & 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)

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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