

SAFETY DATA SHEET

ECOROL 68/30

according to OSHA HCS

Date of Issue: 13-Feb-2015

Date of Revision: 26-June-2023

1. Substance and Company Identification

Product names	: ECOROL 68/30 ECOROL 68/30P ECOROL 68/30P (Ph. Eur.) ECOROL 68/30/MB ECOROL 68/30P/MB ECOROL 68/30P (Ph. Eur.)/MB
Other identifications	: Cetyl Stearyl Alcohol / Cetostearyl Alcohol
Applications	: Initial product for chemical reactions Additive for cosmetic or pharmaceutic preparations Cosmetic auxiliary Plasticizer
Supplier	: PT Ecogreen Oleochemicals Jl. Pelabuhan Kav. 1 Kabil Batam Island Indonesia Telp. +62 778 711002 - 006 Fax. +62 778 711007
Emergency telephones	: +62 778 711002 ext. 341

2. Hazards 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)



HMS-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

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4. First Aid Measures

General information	: No special measures required
After eye contact	: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor
After skin contact	: Wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin
After inhalation	: Supply fresh air, consult doctor in case of complaints
After swallowing	: Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor

5. Firefighting Measures

Suitable extinguishing agents	: Small fire <ul style="list-style-type: none">• Use fire extinguishing methods suitable to surrounding conditions: CO₂, extinguishing 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 requirements
Information about storage in one common facility	: Not required
Further information about storage conditions	: When storing in tanks, cover with layer of Nitrogen-protective gas
Maximum temperature	: 104 °F (Ecorol 68/30P), 158 °F (Ecorol 68/30)
Minimum temperature	: 136 °F (Ecorol 68/30)

8. Exposure Controls/Personal Protections

General protective and hygienic measures	: The usual precautionary measures for handling chemicals should be followed
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Respiratory protection : Not required
 Eye protection : Safety glasses
 Skin protection : Protective gloves
 Body protection : Protective work clothing

Keep away from foodstuffs, beverages and feed
 Wash hands before breaks and at the end of work

9. Physical and Chemical Properties

Form at room temperature (25 °C) : Solid
 Color : Colorless, white when solidified
 Odor : Waxy
 Change in condition
 Solidification point, °C : approx. 48 - 52
 Boiling point, °C : approx. 319 - 335
 Flash point, °C : approx. 149
 Ignition temperature, °C : approx. 270
 Vapor pressure at 20 °C, hPa : <0.003 (<0 mm Hg)
 Density at 65 °C, g/cm³ : approx. 0.81
 Viscosity at 65 °C, mPa.s : approx. 12
 Solubility in / miscibility with water at 20 °C, g/l : <0.001
 Decomposition temperature, °C : Not determined

10. Stability and Reactivity

Possibility of hazardous reactions : No dangerous reactions known
 Conditions to be avoided : No further relevant information available
 Hazardous decomposition products : No dangerous decomposition products known

11. Toxicological Information

Acute toxicity:

Oral	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50	>375 mg/l (rat) (OECD 403)
		<i>read across Tetradecanol</i>
	LD50	>14 ppm (rat) (OECD 403)
		<i>read across Tetradecanol</i>

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

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product does not have any harmful effects according to our experience and the information provided to us. The substance is not subject to classification

12. Ecological Information

Aquatic toxicity:

No toxic effects were observed below the water solubility

EC50	250 mg/l (alga) (OECD 201) >70 mg/l (daphnia) (OECD 202)
LC50	>0.4 mg/l (fish) (OECD 203)
Long term toxicity - LOEC	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 (alga) (OECD 201)

Persistence and degradability	: Easily biodegradable
Method	: OECD 301B
Analyzing method	: CO ₂ -Evolution
Degree of elimination	: 82 - 95%
Classification	: Readily biodegradable

Ecotoxicological effects:	
Sediment toxicity - LC50	>3800 mg/kg ww (ostracods) <i>read across Tetradecanol</i>
Terrestrial toxicity - LC50	1500 mg/kg dw (earth worm) <i>read across Teradecanol</i>

General notes : Generally not hazardous for water

13. Disposal Consideration

Product

Recommendation : Smaller quantities can be disposed of with household waste

Uncleaned packaging

Recommendation : Disposal must be made according to official regulations

14. Transport Information

General information : Not hazardous according to RID/ADR, IMDG, ICAO/IATA

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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)
- AIIC (Australian Inventory of Industrial Chemicals)
- ENCS (Existing and New Chemical Substances) (Japan)
- KECI (Korean Existing Chemical Inventory)
- DSL (Canadian Domestic Substances List)
- NZIoC (New Zealand Inventory of Chemicals)
- TCSI (Taiwan Chemical Substance Inventory)

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)
- 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 & Health Administration)

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

The substance is not classified according to this regulation

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

- ADR: European Agreement concerning the International Carriage of Dangerous Good by Road

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- RID: Regulations concerning the International Transport of Dangerous Good by Rail
- IMDG: International Maritime Code for Dangerous Good
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organization
- P: Marine Pollutant
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals
- EC: European Commission
- CAS: Chemical Abstracts Service
- LC50: Lethal Concentration, 50 percent
- LD50: Lethal Dose, 50 percent
- EC50: Effect Concentration, 50 percent
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- ACGIH: American Conference of Governmental Industrial Hygienists
- NOEL: No Observed effect level
- NOEC: No Observed Effect Concentration
- LOEC: Lowest Observed Effect Concentration

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