

SAFETY DATA SHEET

ECOROL 68/30

according to 1907/2006/EC, Article 31

Date of Issue: 9-July-13

Date of Revision: 6-Apr-22

1. Substance and Company Identification

Product names	: ECOROL 68/30 ECOROL 68/30/MB ECOROL 68/30P ECOROL 68/30P/MB ECOROL 68/30P (Ph. Eur.) ECOROL 68/30P (Ph. Eur.)/MB
Other identifications	: Cetyl Stearyl Alcohol / Cetostearyl Alcojol
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 Regulation (EC) No. 1272/2008

The substance is not classified according to this regulation

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Not applicable

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	: 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 symptom persists consult the doctor

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5. Firefighting Measures

- Suitable extinguishing agents : Small fire
- Use fire extinguishing methods suitable to surrounding conditions CO₂ 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 : 40 °C (Ecorol 68/30P), 70 °C (Ecorol 68/30)
- Minimum temperature : 58 °C (Ecorol 68/30)

8. Exposure Controls/Personal Protections

DNELs		
Oral	DNEL	55 mg/kg bw/d (general population)
Dermal	DNEL	55 mg/kg bw/d (general population) 110 mg/kg bw/d (worker)
Inhalative	DNEL	96 mg/m ³ (general population) 224 mg/m ³ (worker)

PNECs	
PNEC (sediment)	30 mg/kg dw (freshwater) 3 mg/kg dw (marinewater)
PNEC (soil)	5.8 mg/kg dw (-)

- General protective and hygienic measures : The usual precautionary measures are to be adhered to when handling chemicals
- Keep away from foodstuffs, beverages and feed
- Wash hands before breaks and at the end of work

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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	>5000 mg/kg (rabbit)
Inhalative	LC50	>375 mg/l (rat)
		<i>read across Tetradecanol</i>
	LD50	>14 ppm (rat)
		<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

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12. Ecological Information

Aquatic toxicity:

No toxic effects were observed below the water solubility

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

Persistence and degradability : Easily biodegradable
Method : OECD 301B
Analysing method : CO₂-Evolution
Degree of elimination : 82 - 95%
Classification : Readily biodegradable

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

General notes : 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 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

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Substances)

- 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)

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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
- 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
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)