

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 27.04.2020

Version n° 2

Revision: 27.04.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Octane-1,2-diol, 3-Phenyl-1-propanol, 4-Isopropyl-m-cresol

Trade Name :

EasySafe OC 8

INCI Name :

Caprylyl Glycol, Phenylpropanol, o-Cymen-5-ol

MINASOLVE Code:

PFS0044

REACH Registration number :

Octane-1,2-diol: 01-2119966905-22
3-Phenyl-1-propanol: 01-2120756397-42
4-Isopropyl-m-cresol: exempted (< 1 mt/year)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identifies uses : cosmetic ingredient

1.3 Details of the supplier of the safety data sheet

Minasolve S.A.S.
145, Chemin des Lilas
F-59310 Beuvry-la-Forêt
+33 3 20 64 68 30

E-Mail (Writer SDS)

sds@minakem.com

1.4 Emergency telephone number:

+33 3 20 64 68 30 (MINAKEM)
+33 1 45 42 59 59 (INRS - ORFILA)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word

Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.

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Precautionary statements

P264	Wash thoroughly after handling.
P280	Wear protective gloves / eye protection / face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

no data available

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Components:

CAS: 1117-86-8 EINECS: 214-254-7	octane-1,2-diol ⚠ Eye Irrit. 2, H319	50-70%
CAS: 122-97-4 EINECS: 204-587-6	3-phenyl-1-propanol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	10-30%
CAS: 3228-02-2 EINECS: 221-761-7	4-Isopropyl-m-cresol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	5-15%
CAS: 7732-18-5 EINECS: 231-791-2	water, distilled, conductivity or of similar purity	5-15%

Additional information:

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
After inhalation:

Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.

After skin contact:

Remove contaminated clothes, wash affected area with soap and water and rinse thoroughly. If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

no data available

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4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Suitable extinguishing agents:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment :
Water spray, foam, carbon dioxide (CO₂), dry chemical

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire : CO

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.
Wear fully protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment recommended in section 8

6.2 Environmental precautions:

Keep contaminated washing water and dispose of appropriately.
Do not allow to penetrate the ground/soil.

6.3 Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:

Store at room temperature and dry conditions in well sealed receptacles.

7.3 Specific end use(s)

no data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

no data available

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8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Ensure good ventilation/exhaustion at the workplace.

Respiratory protection :

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:



Wear protective gloves

Material of gloves (recommendation) :

Neoprene or nitrile gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye protection:



Wear safety goggles

Check that an emergency eyewash facility is available near the handling zone

Body protection:



Wear protective work clothing: safety shoes, apron

Check that a security shower is available near the handling zone

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Clear liquid

Colour:

Colourless or almost colourless

Odour:

Characteristic

Odour threshold:

no data available

pH-value at 20 °C:

neutral (aqueous solution)

Melting point:

<0 °C

Initial boiling point and boiling range:

100 °C (water, 1013.25hPa)

Evaporation rate:

no data available

Flash point:

116.5 °C (3-Phenylpropan-1-ol)

Flammability (solid, gas):

Not classified as flammable

Decomposition temperature:

no data available

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Auto-ignition temperature:	460°C (3-Phenylpropan-1-ol)
Explosive properties:	no data available
Explosion limits:	no data available
Oxidising properties:	no data available
Vapour pressure:	no data available
Density:	
Relative density at 20 °C:	0.94-0.98 g/ml
Vapour density:	Not determined.
Solubility(ies)	
water:	Hardly soluble
Partition coefficient: n-octanol/water:	Octane-1,2-diol: 2.1 log POW at 25 °C 3-Phenyl-1-propanol: 1.6 log POW at 35 °C 4-Isopropyl-m-cresol: 3.43 log POW (calculated)
Viscosity:	no data available
9.2 Other information	no data available

SECTION 10: Stability and reactivity

10.1 Reactivity	No further relevant information available.
10.2 Chemical stability	no data available
10.3 Possibility of hazardous reactions	no data available
10.4 Conditions to avoid	no data available
10.5 Incompatible materials:	no data available
10.6 Hazardous decomposition products:	Formation of toxic gases is possible during heating or in case of fire : CO

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

1117-86-8 octane-1,2-diol

Oral	LD50	>2,000 mg/kg (rat) (OECD 401)
Inhalative	LC50/4 h	>7,015 mg/l (rat) (OECD 403)

122-97-4 3-phenyl-1-propanol

Oral	LD50	2,250 mg/kg (rat) (OECD 401)
Dermal	LD50	<5,000 mg/kg (rabbit) (OECD 402)

3228-02-2 4-Isopropyl-m-cresol

Oral	LD50	>2,000 mg/kg (rat)
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Primary irritant effect:
Skin corrosion/irritation Causes skin irritation.

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Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Repeated dose toxicity	Oral, rat : Octane-1,2-diol: NOAEL = 1000 mg/kg bw/day (OECD 422) 3-Phenyl-1-propanol: NOAEL = 1000 mg/kg bw/day (OECD 422) 4-Isopropyl-m-cresol: NOAEL = 1000 mg/kg bw/day (OECD 422)
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)	
Germ cell mutagenicity	Mutagenicity: AMES test negative Genotoxicity: Chromosome aberration test negative
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

1117-86-8 octane-1,2-diol

EC50/48h	>100 mg/l (Daphnia magna) (OECD TG 202)
EC50/72h	35 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
LC50/96h	>2.2-<22.2 mg/l (Brachydanio rerio) (OECD 203)
NOEC/72h	15 mg/l (Pseudokirchneriella subcapitata) (OECD 201)

122-97-4 3-phenyl-1-propanol

EC50/48h	60.6 mg/l (Daphnia magna) (OECD 202)
LC50/96h	61 mg/l (Zebra fish) (OECD 203)

3228-02-2 4-Isopropyl-m-cresol

EC50/LC50	6.2 mg/ml (Freshwater invertebrates)
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4-Isopropyl-m-cresol:

 OECD 212 (Fish, Short-term Toxicity on Embryo and Sac-Fry Stages): NOEC = 1.5 mg/L
 freshwater invertebrates: EC50/LC50 = 6.2 mg/L

12.2 Persistence and degradability

 Octane-1,2-diol:
 OECD 301F and OECD 301D: Readily biodegradable (85% and 75%/ThOD within 28 days)

 3-Phenyl-1-propanol:
 OECD 301F: Readily biodegradable (83 % within 28 days)

 4-Isopropyl-m-cresol: EU method C.4-E:
 Readily biodegradable (83 % within 28 days)

12.3 Bioaccumulative potential no data available

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12.4 Mobility in soil	no data available
12.5 Results of PBT and vPvB assessment	no data available
12.6 Other adverse effects	no data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation	Do not allow product to reach sewage system or any water course Must be specially treated adhering to official regulations. Incineration according to regulation in force Do not allow to penetrate the ground/soil
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SECTION 14: Transport information

14.1 UN-Number	Void
ADR, ADN, IMDG, IATA	
14.2 UN proper shipping name	Void
ADR, ADN, IMDG, IATA	
14.3 Transport hazard class(es)	Void
ADR, ADN, IMDG, IATA	
Class	Void
14.4 Packing group	
ADR, IMDG, IATA	Void
14.5 Environmental hazards:	
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	not applicable
UN "Model Regulation":	Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	No further relevant information available.
Directive 2012/18/EU Named dangerous substances - ANNEX I	None of the ingredients is listed.
15.2 Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.

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SECTION 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.

Relevant phrases

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

*** Data compared to the previous version altered.**

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