

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

Printing date 09.10.2018

Version n° 4

Revision: 09.10.2018

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

1.1 Product identifier

Solution of water, capryloyl glycine and sodium bicarbonate

Trade Name :

MinaSolve CapEasy

INCI Name :

Water, capryloyl glycine, sodium bicarbonate

MINASOLVE Code:

PFS0033

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

Relevant identified 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



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

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



GHS05

Signal word

Danger

Hazard-determining components of labelling:

2-(octanoylamino)acetic acid

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection / face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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 Immediately call a POISON CENTER/
 doctor.

2.3 Other hazards

no data available

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Components:

CAS: 14246-53-8 EINECS: 238-122-3	2-(octanoylamino)acetic acid ☠ Eye Dam. 1, H318; ⚠ STOT SE 3, H335	20-40%
CAS: 7732-18-5 EINECS: 231-791-2	water, distilled, conductivity or of similar purity	50-70%
CAS: 144-55-8 EINECS: 205-633-8	sodium hydrogencarbonate	5-15%

REACH registration number : Capryloyl glycine : 01-2119927567-27
 Sodium bicarbonate : 01-2119460683-35

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. Then 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

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Suitable extinguishing agents:

 CO₂, powder, foam, water or water spray

5.2 Special hazards arising from the substance or mixture

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

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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

8.2 Exposure controls

Personal protective equipment:


General protective and hygienic measures:

Ensure good ventilation/exhaustion at the workplace.

Respiratory protection :

not applicable

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.

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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:	Liquid
Colour:	Colourless or slightly coloured
Odour:	Odourless or faint
Odour threshold:	no data available
pH-value at 20 °C:	7-8.5
Melting point:	no data available
Initial boiling point and boiling range:	no data available
Evaporation rate:	no data available
Flash point:	no data available
Flammability (solid, gas):	no data available
Decomposition temperature:	no data available
Auto-ignition temperature:	Product is not selfigniting.
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:	1.05-1.10 g/ml
Vapour density:	no data available
Evaporation rate	no data available
Solubility(ies)	
water:	Capryloyl glycine : 2.8g/l (20 °C) Sodium bicarbonate : 96g/l (20 °C)
Partition coefficient: n-octanol/water:	no data available
Viscosity:	no data available
9.2 Other information	no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

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10.2 Chemical stability

Conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials:

Bases
Oxidizing agents
Acids

10.6 Hazardous decomposition products:

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Capryloyl glycine :
Oral : LD50 > 10000mg/kg (rat)
Dermal : LD50 > 2000mg/kg (rat)

Sodium bicarbonate :
Oral : LD50 > 4000mg/kg
Inhalation : study in rats using a concentration of 4.74mg/l
inhalable dust produced no deaths

Primary irritant effect:

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

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

Irritation and corrosivity

Capryloyl glycine :
Skin :
- Non irritating [5%] (guinea pig)
- Slightly irritating [2%] (human)
Eye :
- Irritating from 5%

Sodium bicarbonate :
Skin :
- Slightly irritating (rabbit)
Eye :
- Slightly irritating (rabbit)

Sensitisation

Capryloyl glycine :
Non sensitizing for guinea pig
Non sensitizing at 5% for human

Repeated dose toxicity

Capryloyl glycine :
NOAEL (oral) : 200mg/kg/day

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CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity

Capryloyl glycine :
Ames test : negative

Sodium bicarbonate :
Ames test : negative
Chromosomal aberration : negative

Carcinogenicity

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

Reproductive toxicity

Capryloyl glycine :
NOEL : 200mg/kg/day

Sodium bicarbonate :
Does not induce developmental effects when administered orally at the following doses: 580 mg/kg bw (mice), 340 mg/kg bw (rats) and 330 mg/kg bw (rabbits).

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:

Capryloyl glycine :
Results of ECOSAR modelling for neutral organic acids suggest the chemical is not toxic to aquatic species with the following results obtained:
LC50 (96 hours-Fish) = 7729.912 mg/L
LC50 (48 hours-Daphnid) = 7859.130 mg/L
EC50 (96 hours-Green Algae) = 4702.995 mg/L
Fish 14-day LC50 1240.893 mg/L
Daphnid 16-day EC50 289.051 mg/L

Sodium bicarbonate :
LC 50 (96 hours-Bluegill sunfish *Lepomis Macrochirus*) = 7100 mg/L
EC 50 (48 hours-Daphnia magna) > 1000 mg/L

12.2 Persistence and degradability

Capryloyl glycine : easily biodegradable

12.3 Bioaccumulative potential

Capryloyl glycine :
Log POW = 1.24 at 20 °C
No accumulation

12.4 Mobility in soil

Capryloyl glycine :
Log Koc = 1.48 (modelling PCKOCWIN v1.66)
=> Expected to be very mobile in soil

12.5 Results of PBT and vPvB assessment

no data available

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12.6 Other adverse effects

no data available

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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

SECTION 14: Transport information

14.1 UN-Number

not applicable

14.2 UN proper shipping name

not applicable

14.3 Transport hazard class(es)

not applicable

14.4 Packing group

not applicable

14.5 Environmental hazards:

not applicable

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.

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

H318 Causes serious eye damage.
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

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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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

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