

Data Sheet according to article 32 EU-Regulation 1907/2006

Commercial Product Name: BergaCare EM-AB

Revision Date: 16.07.2024

Replaces version from: 14.12.2022

Version: 3.0/en

Print date: 27.08.2024

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

1.1 Product identifier

C12-C15 ALKYL BENZOATE

Commercial Product Name

BergaCare EM-AB

CAS no.

68411-27-8

EC-No.

270-112-4

* REACH registration number

01-2119825559-27



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

Relevant identified uses

Cosmetics, personal care products

Recommended restrictions

No information available.

1.4 Emergency telephone number

* Emergency telephone number

+49 (0) 40-284 039-11

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

The product does not have to be labelled according to Regulation (EC) No. 1272/2008 [CLP].

2.3 Other hazards

Article 59(1) - endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

Hazard precautions

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition/information on ingredients

Ingredient

Ingredient	Numbers	Classification (EC) 1272/2008	Concentration
Benzoic acid, C12-15-alkyl esters	CAS No.: 68411-27-8 EC-No.: 270-112-4 REACH No.: 01-2119825559-27	This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].	>= 50.0 - 100.0 % by weight

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Remove affected person from the danger area and lay down.
Change contaminated, saturated clothing.

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If inhaled	Do not leave affected person unattended. Remove person to fresh air and keep comfortable for breathing.
In case of skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
In case of eye contact	After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
If swallowed	Do NOT induce vomiting. Rinse mouth. Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Water spray jet Dry extinguishing powder Carbon dioxide (CO ₂) alcohol resistant foam
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Extinguishing media which must not be used for safety reasons	Full water jet
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5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation it	Do not use a waterjet to suppress the dispersion and spread of the fire.
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5.3 Advice for firefighters

Special protective equipment for fire-fighting	In case of fire: Wear self-contained breathing apparatus.
Additional information on firefighting	Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protection equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Provide for sufficient ventilation, particularly in closed rooms.
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6.2 Environmental precautions

Environmental precautions	Avoid release to the environment. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.
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6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
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Clean contaminated articles and floor according to the environmental legislation.

6.4 Reference to other sections

Reference to other sections

See protective measures under point 7 and 8.

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

It is recommended to design all work processes always so that the following is excluded:

Inhalation

dermal

Eye contact

oral

Take precautionary measures against static discharges.

Precautions

Carefully handle the substance to minimise releases.

When using do not eat, drink or smoke.

Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements

Provide for retaining containers, e.g. floor pan without outflow.

Keep container tightly closed in a cool place.

Store in a dry place.

Protect from heat and direct sunlight.

German storage class

10-13

Advice on protection against fire and explosion

Usual measures for fire prevention.

7.3 Specific end use(s)

Specific use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Eye protection

Wear eye glasses with side protection according to EN 166.

Skin and body protection

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

General protective and hygiene measures

Technical measures and the application of suitable work processes have priority over personal protection equipment.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	odourless
Melting point [°C] / Freezing point [°C]	-16
Boiling point [°C]	374
Flammability (solid, gas)	No data available
Explosion limits [Vol-%]	
Lower limit	No data available
Explosion limits [g/m³]	
Lower limit	No data available
Flash point [°C]	189
Ignition temperature [°C]	No data available
Autoignition temperature [°C]	No data available
Decomposition temperature [°C]	No data available
pH	No data available
Viscosity, kinematic [mm²/s]	No data available
Viscosity, dynamic [kg/(m*s)]	No data available
Solubility	No data available
Partition coefficient n-octanol /water (log P O/W)	No data available
* Vapour pressure [kPa]	< 0.0001
* Density [g/cm³]	0.93
Relative density	No data available
Relative vapour density (air=1)	No data available
particle properties	No data available

9.2.1 Information on physical hazard classes

* Other information	No data available
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9.2.2 Other safety-related parameters

* Other information	No data available
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SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity	No hazardous reaction when handled and stored according to provisions.
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Hazardous decomposition products	Decomposition products in case of fire: see section 5.
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Benzoic acid, C12-15-alkyl esters				
Value	Measuring method	Test species	Remarks	Source

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GHS/CLP criteria are not met.	OECD 404	Rabbit	Source: ECHA	Company data
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Irritant effect on eyes

Ingredient

Benzoic acid, C12-15-alkyl esters				
Value	Measuring method	Test species	Remarks	Source
GHS/CLP criteria are not met.	OECD 405	Rabbit	Source: ECHA	Company data

Sensitization

Ingredient

Benzoic acid, C12-15-alkyl esters				
Value	Measuring method	Test species	Remarks	Source
GHS/CLP criteria are not met.	OECD 406	Guinea pig	Source: ECHA	Company data

Mutagenicity

No information available.

Carcinogenic effects

No information available.

Reproduction toxicity

No information available.

Specific target organ toxicity (single exposure) [mg/kg]

Route of exposure

No information available.

Specific target organ toxicity (repeated exposure) [mg/kg]

Route of exposure

No information available.

11.2 Information about other hazards

Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to humans as it does not meet the criteria set out in section A of Regulation (EU) No 2017/2100.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]

Ingredient

Benzoic acid, C12-15-alkyl esters						
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks	Source
> 1.23	LC50	Cyprinus carpio (Common Carp)	OECD 203	96	Source: ECHA	Company data

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Toxicity to daphnia [mg/l]

Ingredient

Benzoic acid, C12-15-alkyl esters						
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks	Source
> 320	EC50	Daphnia magna	OECD 202	48	Source: ECHA	Company data

Toxicity to algae [mg/l]

Ingredient

Benzoic acid, C12-15-alkyl esters						
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks	Source
> 1000	EL50	Pseudokirchneriella subcapitata	OECD 201	72	Source: ECHA	Company data

12.2 Persistence and degradability

Biodegradability

Ingredient

Benzoic acid, C12-15-alkyl esters		
Value	Remarks	Source
Readily biodegradable.	OECD 301B	Company data

12.3 Bioaccumulative potential

Bioaccumulation No information available.

12.4 Mobility in soil

Mobility

Mobility No information available.

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Endocrine disrupting properties

Harmful effects on the environment This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7 Other harmful effects

Environmental hazards No data available

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations

The waste code has to be identified in agreement with the disposal company or the competent authority.

Contain and dispose of waste according to local regulations.

Uncleaned empty packaging

Dispose according to legislation.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	Non dangerous good	Non dangerous good	Non dangerous good
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.
UN proper shipping name	Non dangerous good	Non dangerous good	Non dangerous good

14.6 Special precautions for user

Precautions

No information available.

14.7 Bulk transport by sea according to IMO instruments

Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Additional regulations

No further relevant information available.

15.2 Chemical safety assessment

Safety assessment

For this substance a chemical safety assessment has not been carried out.

16. Other information

Modifications since last version

Modifications of the previous version are denoted with an asterisk (*).

Voluntary safety information following the Safety Data Sheet format according to Regulation (EC) No. 1907/2006 (REACH).

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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