

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

Commercial Product Name: BergaCare IN2

Revision Date: 10.12.2025

Replaces version from: 09.09.2025

Version: 6.0/en

Print date: 10.12.2025



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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name **BergaCare IN2**

ISONONYL ISONONANOATE

CAS no.

-

EC-No.

701-133-3

* REACH registration number

01-2120103408-66

01-2119976389-16

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.

1.3 Details of the supplier of the safety data sheet

Company designation

Berg + Schmidt Solutions GmbH & Co. KG

An der Alster 82

20099 Hamburg

Telephone: + 49 40 / 284 039-11

Email: sds@berg-schmidt.de

Internet: www.solutions.berg-schmidt.com

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.

3. Composition/information on ingredients

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities, in accordance with EU or national regulations should be referred to in Section 3.

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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. Do not leave affected person unattended.
If inhaled	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
Extinguishing media which must not be used for safety reasons	Full water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	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.
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Avoid breathing dust/fume/gas/mist/vapours/spray.
Provide for sufficient ventilation, particularly in closed rooms.

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.

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).
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

Branched-nonyl 3,5,5 trimethylhexanoate

DNEL	Target group	Exposure route	Remarks
21.158	Workers	Worker - inhalative, long-term - systemic	Source: ECHA

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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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	characteristic
Melting point [°C] / Freezing point [°C]	< -40
Boiling point [°C]	> 300
Flammability	No data available
Explosion limits [Vol-%]	
Lower limit	No data available
Explosion limits [g/m³]	
Lower limit	No data available
Flash point [°C]	> 140
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]	5- 10
Temperature [°C]	20
Viscosity, dynamic [kg/(m s)]	0,0462
Solubility	No data available
Partition coefficient n-octanol /water (log P O/W)	No data available
Vapour pressure [kPa]	0.0017
Temperature [°C]	20
Density [g/cm³]	0.85 - 0.86
Temperature [°C]	20
Relative density	No data available

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Relative vapour density (air=1) No data available

particle properties No data available

9.2 Other information

9.2.1 Information on physical hazard classes

Other information No data available

9.2.2 Other safety-related parameters

Other information No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

Chemical stability The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Hazardous reactions No information available.

10.4 Conditions to avoid

Conditions to avoid Avoid high temperatures or direct sunlight.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5 Incompatible materials

Materials to avoid Keep away from strongly acidic and alkaline materials as well as oxidizers.

10.6 Hazardous decomposition products

Hazardous decomposition products Decomposition products in case of fire: see section 5.

SECTION 11: Toxicological information

11.1 Information on the hazard classes within the meaning of Regulation (EU) No. 1272/2008

Oral toxicity [mg/kg] No information available.

Dermal toxicity [mg/kg]

Ingredient

Branched-nonyl 3,5,5 trimethylhexanoate				
Value	Test criterion	Test species	Measuring method	Remarks
> 2000	LD50	Rat	OECD 402	Source: ECHA

Inhalative toxicity [mg/l] No information available.

Irritant effect on skin No information available.

Irritant effect on eyes No information available.

Sensitization No information available.

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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.

Aspiration hazard

experience 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

Branched-nonyl 3,5,5 trimethylhexanoate					
Value	Test criterion	Test species	Measuring method	Exposure duration [h]	Remarks
> 100	LL50:	Danio rerio (zebrafish)	OECD 203	96	Source: ECHA

Toxicity to daphnia [mg/l] No information available.

Toxicity to algae [mg/l] No information available.

12.2 Persistence and degradability

Biodegradability

Ingredient

Branched-nonyl 3,5,5 trimethylhexanoate	
Value	Remarks
Readily biodegradable.	OECD 301B, Source: ECHA

12.3 Bioaccumulative potential

Bioaccumulation No information available.

12.4 Mobility in soil

Mobility

Mobility No information available.

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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

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 (*).

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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.