

Safety data sheet

Aerosolleim

Version 1.1

Effective date: 07-06-2024

Revision date: 07-01-2026

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name: Aerosolleim.

UFI-code: 1300-P0FE-W007-G18U

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

Product use: Non-toxic pesticide.

Uses advised against: Use only based on instruction.

1.3 Details of the Supplier of the safety data sheet:

Company: Reinelt & Temp GmbH
Daimlerstraße 12
50354 Hürth
Germany
Phone(022 33) 97 83 22
Fax (0 22 33) 97 83 24
info@RTK-online.de
www.RTK-online.de

1.4 Emergency telephone number:

Use your national or local emergency number.
United Kingdom: Contact The National Poisons Information Service (dial 111, 24 h service).

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture according to CLP No 1272/2008.

Flam. Aerosol 1: H222 – H229.

2.2 Label elements CLP No 1272/2008.

Hazard pictograms:



Signal word:

Danger

Hazard statements:

H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

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Precautionary statements:

General:

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Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

Response:

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Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Disposal:

P501 Dispose of contents/ container in accordance with national regulations.

Additional information:

Store in a dry, well-ventilated place at temperatures between 15°C and 20°C.

2.3 Other hazards.

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

This product is a mixture.

3.2 Mixture:

CAS/EC No	REACH No	Name	Content %	Classification CLP
75-28-5 / 200-857-2	01-2119485395- 27	Isobutane	0-35	Flam. Gas 1A; H220, Press. Gas. L: H280.
106-97-8 / 203-448-7	01-2119474691- 32	Butane	0-35	Flam. Gas 1A; H220, Press. Gas. L: H280.
74-98-6 / 200-827-9	01-2119486944- 21	Propane	0-35	Flam. Gas 1A; H220, Press. Gas. L: H280.

See full text of H-phrases in section 16. Occupational limits, where applicable, are listed in section 8.

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SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

General information:	In the least doubt or if exposures or symptoms persist, seek medical attention.
Inhalation:	Supply fresh air; seek medical advice in case of complaints.
Skin contact:	Wash off with water and soap in case of irritation/symptoms.
Eye contact:	Rinse opened eye for several minutes under running water. If eye irritation persists get medical advice/attention.
Ingestion:	Not relevant due to the shape of the product.

4.2 Most important symptoms and effects, both acute and delayed:

May cause mild skin irritation. May cause mild temporary irritation of the eyes.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Alcohol-resistant foam, carbon dioxide, dry powder or water mist.

Unsuitable extinguishing media:

Water jets should not be used, since they can spread the fire.

5.2 Special hazards arising from the substance or mixture:

Extremely flammable aerosol. Pressurised container: may burst if heated. During fire, gases hazardous to health may be formed

5.3 Advice for firefighters:

Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

See section 8 for recommendations on the use of personal protective equipment. Ensure sufficient ventilation, especially in closed rooms. Remove all sources of ignition. No smoking.

6.2 Environmental precautions:

Avoid discharge to lakes, streams, sewers, etc.

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6.3 Methods and material for containment and cleaning up:

The product is flammable, use non-sparking equipment:

Small Spills: wipe up with absorbent material (e.g. cloth, fleece).

Large spills: use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Clean the area with water. See section 13 for disposal information.

6.4 Reference to other sections:

See section 8 for personal protection.

See section 13 for disposal.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

See section 8 for recommendations on the use of personal protective equipment. Avoid contact with skin and eyes.

Ensure sufficient ventilation, especially in closed rooms. Avoid breathing spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.

Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Protect from sunlight and do not expose to temperatures exceeding 50°C. Store cool in tightly closed containers.

Store in a dry, well-ventilated place at temperatures between 15°C and 20°C.

7.3 Specific end use(s):

This product should only be used for applications described in section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters (Great Britain):

CAS No	Name	Limits	Remarks
106-97-8	Butane	Long-term value: 600 ppm, 1450 mg/m ³ Short-term value: 750 ppm, 1810 mg/m ³	-

DNEL / PNEC: -

8.2 Exposure controls.

Appropriate technical measures:

Airborne concentrations must be kept as low as possible. Use for example an exhaust system if the normal air flow in the work room is not sufficient.

General information / Hygiene measures:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

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Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

Facing concentrations above the exposure limit, use appropriate respiratory protection – filter A. EN 149.

Hand protection:

Recommended: Nitrile rubber/Viton/Neoprene gloves. EN 374
Breakthrough time: ≥ 480 minutes.
Thickness: $> 0,25$ mm

Eye protection:

Wear tightly safety goggles, if risk of contact. EN 166.

Body protection:

Antistatic workwear.

Measures to avoid environmental exposure:

No special precautions are necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Physical state:	Aerosol
Colour:	Product specific
Odour:	Characteristic
Melting point/freezing point:	-188 – -138 °C
Boiling point:	Not relevant/no data
Flammability:	Not relevant/no data
Lower and upper explosion limit:	5 Vol.-% - 10,9 Vol.-%*
Flash point:	Not relevant/no data
Auto-ignition temperature:	365 – 470 °C*
Decomposition temperature:	Not relevant/no data
pH:	Not relevant/no data
Kinematic viscosity:	Not relevant/no data
Solubility:	Not relevant/no data
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	2.200 – 8.400 hPa - 20°*
Density and/or relative density:	0.5 – 0.58 g/cm ³ - 20°C*
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

*Propellant

9.2 Other information:

No data.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:

No dangerous reaction known under conditions of normal use and storage.

10.2 Chemical stability:

The product is not degraded under recommended storage and use.

10.3 Possibility of hazardous reactions:

No risk of hazardous reactions during normal use and storage.

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10.4 Conditions to avoid: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Protect from sunlight. Do not expose to temperatures exceeding 50°C.

10.5 Incompatible materials: Avoid contact with strong oxidizing agents.

10.6 Hazardous decomposition products:
The product is not degraded when used as indicated in section 1.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008/GB CLP.

Acute toxicity: Not classified.

Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: Not classified.

Respiratory or skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific target organ toxicity - single exposure: Not classified.

Specific target organ toxicity – repeated exposure: Not classified.

Aspiration hazard: Not classified.

11.2 Information on other hazards:

Endocrine disrupting properties:
The product/substance has no endocrine disrupting properties.

Other information: No other relevant information.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity: Not classified harmful to the environment.

12.2 Persistence and degradability:
No further relevant information available.

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12.3 Bioaccumulative potential:

No further relevant information available.

12.4 Mobility in soil:

No further relevant information available.

12.5 Result of PBT and vPvB assessment:

This product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

12.7 Other adverse effects:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

Option:

EWC-code:

16 05 04* gases in pressure containers (including halons) containing dangerous substances.

Contaminated packing:

15 01 04 metallic packaging.

SECTION 14. TRANSPORT INFORMATION

This product is classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	1950	1950
14.2 UN proper shipping name	AEROSOLS, flammable	AEROSOLS, flammable
14.3 Transport hazard class(es)	2/2.1	2/2.1
14.4 Packing group	Not relevant	Not relevant
14.5 Environmental hazards – MP EmS:	No F-D, S-U	No F-D, S-U
Other informations	LQ: 1 L. Tunnel D	LQ: 1 L. Tunnel D

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14.6 Special precautions for user:

Not relevant.

14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

SECTION 15. REGULATORY INFORMATION

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

Sources:

Current ADR regulations 2025. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

Additional information:

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Descriptions of possible used abbreviations:

BCF Bioconcentration factor.

BOD Biochemical Oxygen Demand.

CAS Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances).

COD Chemical oxygen demand.

DNEL Derived No-Effect Level.

EC50 Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval.

IMDG International Maritime Dangerous Goods Code.

LC50 Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval.

LD50 Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval.

log KOW n-Octanol/water.

MARPOL International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant").

PBT Persistent, Bioaccumulative and Toxic.

PNEC Predicted No-Effect Concentration.

UN RTDG UN Recommendations on the Transport of Dangerous Good.

vPvB Very Persistent and very Bioaccumulative.

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Revised 07-01-2026 section:

11, 15.

Validated by:

SRS

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