

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

Printing date 09.07.2019

Version number 2

Revision: 09.07.2019

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

- **1.1 Product identifier**
- **Trade name:** Baking release spray 200 ml
- **Article number:** 44997
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Spray
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Fackelmann GmbH + Co. KG
Sebastian-Fackelmann-Str. 6
91217 Hersbruck
Tel: 09151-811 153
Fax: 09151-811 294
www.fackelmann.de
- **Informing department:** Phone: 09151-811 153
- **1.4 Emergency telephone number:**
Poisoning Information Center Fribourg
Mathildenstr. 1
D-79106 Freiburg
Germany
Tel.: +49-(0)761-19240
giftinfo@uniklinik-freiburg.de
(Information in German and English)
Phone 09151-811 153
(Office hours 08:00 - 16:00)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

- **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**



GHS02

- **Signal word** Danger
- **Hazard statements**
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
- **Precautionary statements**
- P102 Keep out of reach of children.
- 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.

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- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of the substances listed below including additives not requiring identification.

- **Dangerous components:**

CAS: 64-17-5	ethanol	 Flam. Liq. 2, H225	10 - 25%
EINECS: 200-578-6			
Reg.nr.: 01-2119457610-43-X			

- **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; consult doctor in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** In case of persistent symptoms consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
A symptomatic therapy is to be induced.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
Alcohol-resistant foam
Water spray jet
Carbon dioxide
Fire-extinguishing powder
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
In case of fire the aerosols bursting can be projected to distance with violence, with risk of propagation of the fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**
In case of fire wear breathing equipment being independent of ambient air and suit provided full protection against chemicals.
- **Additional information**
Collect contaminated fire fighting water separately. It must not enter drains. Provide sufficient fire fighting water retention.
Use water to keep fire exposed containers cool.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation

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- Keep away from ignition sources
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or water bodies.
Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose of contaminated material as waste according to section 13.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Wear suitable protection equipment.
Keep away from heat and direct sunlight.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use.
Do not spray on flames or red-hot objects.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store in cool location.
Observe official regulations on storing packagings with pressurised containers.
Recommended storage temperature: +5°C to +45°C.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store at a cool, dry and well-ventilated place.
Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**
WEL: workplace exposure limit

64-17-5 ethanol

WEL Long-term value: 1920 mg/m ³ , 1000 ppm
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- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**
Protective gloves are only required in case of intense and/or prolonged skin contact with the product.
- **Material of gloves** Not required.
- **Penetration time of glove material** Not required.

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- **Eye protection:** Safety glasses recommended if possibility of liquid splashes exists.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Aerosol
Colour:	Yellowish
Odour:	Characteristic
Odour threshold:	Not determined.

· **pH-value:** Not determined.

· Change in condition

Melting point/freezing point:	Not applicable
Initial boiling point and boiling range:	Not applicable, as aerosol

· **Flash point:** Not applicable, as aerosol

· **Self-inflammability:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

· Critical values for explosion:

Lower:	3.5 Vol %
Upper:	13.5 Vol %

· **Vapour pressure at 20 °C:** 3500 - 4500 hPa

Density at 20 °C	0.895 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.

· Solubility in / Miscibility with

Water: Insoluble

· **Partition coefficient: n-octanol/water:** Not determined.

· Viscosity:

dynamic:	Not determined.
kinematic:	Not determined.

· Solvent content:

· Organic solvents:

VOC EU	150.5 g/l
VOC EU	19.99 %

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions

Danger of containers bursting because of high vapour pressure

· **10.4 Conditions to avoid** All sources of ignition: heat, sparks, open flame, electrostatic discharges.

· **10.5 Incompatible materials:** No further relevant information available.

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- **10.6 Hazardous decomposition products:**
None in case of intended use and storage in compliance with instructions.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **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:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
The waste code numbers mentioned are recommendations based on the probable use of the product.

- **European waste catalogue**

20 00 00	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 00	separately collected fractions (except 15 01)
20 01 25	edible oil and fat
16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 05 00	gases in pressure containers and discarded chemicals
16 05 05	gases in pressure containers other than those mentioned in 16 05 04

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HP3	Flammable
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- **Uncleaned packagings:**

- **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

SECTION 14: Transport information

- **14.1 UN-Number**

- **ADR/ADN, IMDG, IATA** UN1950

- **14.2 UN proper shipping name**

- **ADR/ADN** 1950 AEROSOLS
- **IMDG, IATA** AEROSOLS

- **14.3 Transport hazard class(es)**

- **ADR/ADN**



- **Class** 2.5 F Gases.
- **Label** 2.1

- **IMDG, IATA**



- **Class** 2 Gases.
- **Label** 2.1

- **14.4 Packing group**

- **ADR/ADN, IMDG, IATA** Void

- **14.5 Environmental hazards:** Not applicable.

- **14.6 Special precautions for user**

- **Warning:** Gases.

- **Kemler Number:**

-

- **EMS Number:**

F-D,S-U

- **Stowage Code**

SW1 Protected from sources of heat.

SW2 Clear of living quarters.

- **Segregation Code**

SG69 For AEROSOLS with a maximum capacity of 1 litre:

Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.

For AEROSOLS with a capacity above 1 litre:

Segregation as for the appropriate subdivision of class 2.

For WASTE AEROSOLS:

Segregation as for the appropriate subdivision of class 2.

- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

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· Transport/Additional information:

· ADR/ADN

- **Limited quantities (LQ)**
- **Excepted quantities (EQ)**

1L
Code: E0
Not permitted as Excepted Quantity

- **Transport category**
- **Tunnel restriction code**

2
D

· IMDG

- **Limited quantities (LQ)**
- **Excepted quantities (EQ)**

1L
Code: E0
Not permitted as Excepted Quantity

· UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** P3b FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5.000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50.000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· National regulations

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is contained.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H225 Highly flammable liquid and vapour.

· Department issuing data specification sheet:

This Material Safety Data Sheet has been drawn up in cooperation with:
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,
phone: (+49) 511 42079 - 0, reach@dekra.com.
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· 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)
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative

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Aerosol 1: Aerosols – Category 1
Flam. Liq. 2: Flammable liquids – Category 2

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· **Sources**

The basis for the preparation of this safety data sheet are the information provided by the distributor.

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

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