

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 16.08.2019

Schweißtrennspray GST 42

Product code: 4973420080K100

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Lubricants, greases, release products

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name:	ecups business	
	GmbH & Co.KG	
Street:	Handelshof 32	
Place:	D-28816 Seckenhausen/Stuhr	
Telephone:	0700-89920000	
e-mail:	info@ecups.de	
Contact person:	Herr Wolfgang Schneider	Telephone: 0421/8992-262
e-mail:	wolfgang.schneider@lerbs.de	
Responsible Department:	Sicherheitsbeauftragter	

1.4. Emergency telephone number:

+49 0228 - 1 92 40 (24 Hours) der UKB, Bonn

Further Information

Restricted to professional users. Safety data sheet available for professional user on request. Notice the directions for use on the label. To avoid risks to man and the environment, comply with the instructions for use.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:
Aerosol: Aerosol 1
Aspiration hazard: Asp. Tox. 1
Hazard Statements:
Extremely flammable aerosol.
Pressurised container: May burst if heated.
May be fatal if swallowed and enters airways.

2.2. Label elements**Regulation (EC) No. 1272/2008****Signal word:** Danger**Pictograms:****Hazard statements**

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

Precautionary statements

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

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smoking.

P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Special labelling of certain mixtures

EUH208 Contains dipentene; limonene. May produce an allergic reaction.

Additional advice on labelling

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

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:


Hazard statements

H222-H229

Precautionary statements

P210-P211-P251-P410+P412

2.3. Other hazards

Wear suitable protective clothing, gloves and eye/face protection.

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances listed below with nonhazardous additions:

Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
68476-40-4	Hydrocarbons, C3-4; Petroleum gas (Nota K, <0,1% 1,3-Butadien)	90 - < 95 %
	270-681-9	
	649-199-00-1	
	01-2119486557-22	
	Flam. Gas 1, Compressed gas; H220 H280	
138-86-3	dipentene; limonene	< 0,1 %
	205-341-0	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H304 H400 H410	

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! In all cases of doubt, or when symptoms persist, seek medical advice. Remove contaminated, saturated clothing immediately. Remove persons to safety. Keep away from unprotected people. Keep upwind. Ventilate affected area.

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After inhalation

Provide fresh air. Seek medical attention if problems persist.
Remove casualty to fresh air and keep warm and at rest.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.
Remove contaminated clothing immediately and dispose off safely.
Seek medical attention if problems persist.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Caution if victim vomits: Risk of aspiration! Medical treatment necessary. In case of spontaneous vomiting, keep the head below the waist to prevent aspiration of the product.

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

The following symptoms may occur: difficulties of breathing. Headache. Drowsiness. Dizziness. Coughing. Nausea.
In all cases of doubt, or when symptoms persist, seek medical advice.

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

Caution if victim vomits: Risk of aspiration! In all cases of doubt, or when symptoms persist, seek medical advice. Subsequent observance for pneumonia and lung oedema. Because of aspiration gastric lavage only under endotracheal intubation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Dry extinguishing powder. Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.
In case of fire may be liberated: carbon monoxide (CO). Carbon dioxide (CO₂). Organic cracking products.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear chemical resistant suit.

Additional information

Contaminated fire-fighting water must be collected separately. Co-ordinate fire-fighting measures to the fire surroundings.
Use water spray jet to protect personnel and to cool endangered containers.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Wear personal protection equipment. Keep away from unprotected people. Keep upwind. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Take up

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mechanically, placing in appropriate containers for disposal. Ventilate affected area.

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal. Disposal: see section 13.

Safe handling: see section 7. Personal protection equipment: see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking. Flammable vapours can accumulate in head space of closed systems.

Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray. Vapours / aerosols must be extracted by suction immediately at point of origin.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.

Remove all sources of ignition. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Further information on handling

Heating causes rise in pressure with risk of bursting.

After use replace the closing cap immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

The official regulations for the storage of compressed gas packages must be observed.

Hints on joint storage

Do not store together with: Food and feedingstuffs, Water.

Further information on storage conditions

Protect against: heat. UV-radiation/sunlight. frost. moisture.

7.3. Specific end use(s)

Lubricants, greases, release products. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls



Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. Have eye showers and safety shower ready. Provide earthing of containers, equipment, pumps and ventilation facilities.

Protective and hygiene measures

Work in well-ventilated zones or use proper respiratory protection. Do not eat, drink, smoke or sneeze at the workplace.

Wash hands before breaks and after work. Restore grease film of the skin after cleansing by using a fat cream to prevent dermatitis. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes. Take off immediately all contaminated clothing.

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Eye/face protection

Tightly sealed safety glasses. DIN EN 166

Hand protection

Tested protective gloves are to be worn: DIN EN 374

Hand protection: NBR (Nitrile rubber).

Thickness of glove material: 0,45 mm

penetration time (maximum wearing period): 240 min

Breakthrough times and swelling properties of the material must be taken into consideration.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Observe the wear time limits as specified by the manufacturer.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). DIN EN 13034/6

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Suitable respiratory protective equipment: Self-contained respirator (breathing apparatus) (DIN EN 133).

Environmental exposure controls

Discharge into the environment must be avoided. Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Aerosol
Colour:	light yellow
Odour:	like: lemon.
pH-Value:	Not applicable, aerosol

Changes in the physical state

Melting point:	Not applicable, aerosol
Initial boiling point and boiling range:	Not applicable, aerosol
Flash point:	< 0 °C

Flammability

Solid:	not determined
Gas:	not determined

Explosive properties

not Explosive.
In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits:	1,5 vol. %
Upper explosion limits:	9,5 vol. %
Ignition temperature:	not determined

Auto-ignition temperature

Solid:	not determined
Gas:	not determined

Decomposition temperature:	not determined
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Oxidizing properties

not determined

Vapour pressure:	not determined
Vapour pressure:	not determined

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Density (at 20 °C):	0,58 g/cm ³
Water solubility:	Immiscible
Solubility in other solvents	
not determined	
Partition coefficient:	No data available
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

9.2. Other information

Odour threshold: not determined

Technical specifications (Aerosol): Internal pressure (20 ° C) = 0,45 MPa; Internal pressure (50 ° C) = 0,80 MPa
aerosol container: nominal volume = 400 ml; void = 520 ml; Test pressure = 1,5 MPa

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Ignition hazard. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
In use, may form flammable/explosive vapour-air mixture.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.
In case of fire may be liberated: carbon monoxide (CO). Carbon dioxide (CO₂). Organic cracking products.

Further information

In case of exceeding the storage temperature: Danger of bursting container. > 50°C

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

Acute toxicity

Based on available data, the classification criteria are not met.
There are no data available on the preparation/mixture itself.

Irritation and corrosivity

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

Sensitising effects

Contains dipentene; limonene. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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

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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

May be fatal if swallowed and enters airways.

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information**12.1. Toxicity**

Leakage into the environment must be prevented.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

Further information

Doesn't get into the sewage water as long as the process is carried out according to regulations.

slightly hazardous to water (WGK 1)

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Waste disposal number of used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Waste disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Dispose of waste according to applicable legislation.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number:** UN 1950**14.2. UN proper shipping name:** AEROSOLS

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14.3. Transport hazard class(es): 2

14.4. Packing group: -

Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

Excepted quantity: E0

Transport category: 2

Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number: UN 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2

14.4. Packing group: -

Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number: UN 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2.1

14.4. Packing group: -

Hazard label: 2.1



Marine pollutant: Nein

Special Provisions: 63, 190, 277, 327, 344, 959

Limited quantity: 1000 mL

Excepted quantity: E0

EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1950

14.2. UN proper shipping name: AEROSOLS, flammable

14.3. Transport hazard class(es): 2.1

14.4. Packing group: -

Hazard label: 2.1

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Special Provisions:	A145 A167 A802
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y203
Excepted quantity:	E0
IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Warning

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

No data available

Other applicable information

Transport as "limited quantity" according to chapter 3.4 ADR/RID.

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information

2010/75/EU (VOC):	535 g/l (91,5 Ma%)
2004/42/EC (VOC):	535 g/l (91,5 Ma%)
Information according to 2012/18/EU (SEVESO III):	P3a FLAMMABLE AEROSOLS

National regulatory information

Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
Water contaminating class (D):	1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information
Changes

This data sheet contains changes from the previous version in section(s): 1.

Abbreviations and acronyms

 For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>
Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Asp. Tox. 1; H304	Calculation method

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapour.

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H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH208	Contains dipentene; limonene. May produce an allergic reaction.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Lubricants, greases, release products, Industrial spraying, Non industrial spraying	-	3, 22	24	7, 11	-	-	-	Aerosol

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)