

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Stanz- und Nibbelöl SRH/5 (Spray)
Revision date : 13.02.2014
Print date : 29.05.2015

Version (Revision) : 4.0.0 (3.0.0)

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

1.1 Product identifier

Stanz- und Nibbelöl SRH/5 (Spray)

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

Relevant identified uses

Lubricants, greases, release products
The product is a foam aerosol. (Fat)

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

TRUMPF GmbH + Co. KG

Street : Johann-Maus-Straße 2

Postal code/city : DEUTSCHLAND /71254 Ditzingen

Telephone : ++49 7156 303-0

Telefax : ++49 7156 303-30309

Information contact :

Sicherheit + Umwelt - Informationen zum Sicherheitsdatenblatt: Tel. ++49 7156 303-31704 (nur zu Bürozeiten besetzt)
info@trumpf.com

1.4 Emergency telephone number

++49 7156 303-0

SECTION 2: Hazards identification

The classification was made according to the latest editions of the EC-lists, and expanded upon from company and literature data.

2.1 Classification of the substance or mixture

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

Flam. Aerosol 1 ; H222 - Flammable aerosols : Category 1 ; Extremely flammable aerosol.

Flam. Aerosol 1 ; H229 - Flammable aerosols : Category 1 ; Pressurised container: May burst if heated.

2.2 Label elements

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

Hazard pictograms



Flame (GHS02)

Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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

P251 Pressurized container: Do not pierce or burn, even after use.

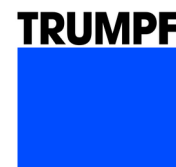
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

2.3 Other hazards

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

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SECTION 3: Composition / information on ingredients

3.2 Mixtures

Description

Fat (Base oil with thickener and additives.) . The product is a foam aerosol.

Hazardous ingredients

PROPANE ; EC No. : 200-827-9; CAS No. : 74-98-6

Weight fraction : 10 - < 25 %

Classification 1272/2008 [CLP] : Flam. Gas 1 ; H220 Liquef. Gas ; H280

BUTANE ; EC No. : 203-448-7; CAS No. : 106-97-8

Weight fraction : 10 - < 25 %

Classification 1272/2008 [CLP] : Flam. Gas 1 ; H220 Liquef. Gas ; H280

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.

In case of inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

In case of skin contact

After contact with skin, first remove product with a dry cloth and then wash the skin with plenty of water.

After eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Wash with plenty of water. Call a physician immediately.

After ingestion

Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet , Foam , Extinguishing powder , Carbon dioxide (CO₂) , Sand .
Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet .

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon dioxide (CO₂) , Nitrogen oxides (NO_x). Sulphur dioxide (SO₂). Carbon monoxide. Aliphatic and aromatic pyrolysis products.

5.3 Advice for firefighters

Danger of bursting container.

Special protective equipment for firefighters

Use suitable breathing apparatus.

5.4 Additional information

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Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothes. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Provide adequate ventilation. Keep away from sources of ignition. - No smoking. Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Special danger of slipping by leaking/spilling product. Take up mechanically. Disposal: see section 13 .

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No hazardous reaction when handled and stored according to provisions. Avoid contact with skin, eyes and clothes. 23 - Do not breathe aerosol.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Vapours can form explosive mixtures with air. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Take precautionary measures against static discharge.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep in a cool, well-ventilated place. Dispose according to legislation.

Further information on storage conditions

Do not store at temperatures below : 0 °C .

Recommended storage temperature : 5 °C - 40 °C .

Protect against : Protect against direct sunlight. Keep away from heat.

Storage stability : > 24 months (5 °C - 40 °C) .

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Appropriate engineering controls

See protective measures under point 7 and 8.

Personal protection equipment

General health and safety measures No special measures are necessary.

Eye/face protection

39 - Wear eye/face protection.

Skin protection

Hand protection

Tested protective gloves must be worn Breakthrough time (maximum wearing time) : 4 hours (NBR (Nitrile rubber) , Thickness of the glove material : 0,4 mm) . See information supplied by the manufacturer.

General health and safety measures

Avoid contact with skin, eyes and clothes. 23 - Do not breathe aerosol.

Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. 13 - Keep away from food, drink

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and animal feeding stuffs. Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

8.3 Additional information

Provide adequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Aerosol

Odour

characteristic

Safety relevant basis data

Flash point :	<	-20 °C	
Danger of explosion:		formation of explosive mixture possible	
Density :	(20 °C)	ca.	1 g/cm ³ DIN 51757
Solubility in / Miscibility with Water:		Insoluble	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Stable under recommended storage and handling conditions (See section 7).

10.5 Incompatible materials

Oxidising agent, strong.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses. Thermal decomposition can lead to the escape of irritating gases and vapours. Hazardous decomposition products : Carbon monoxide. Carbon dioxide (CO₂). aldehydes. Ketone , Sulphur oxides , Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Irritant and corrosive effects

Repeated exposure may cause skin dryness or cracking. After eye contact : Irritation to eyes .

Primary irritation to the skin

Practical experience/human evidence

No hazardous reaction when handled and stored according to provisions.

Sensitisation

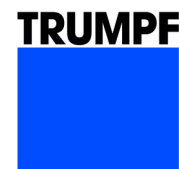
No information available.

SECTION 12: Ecological information

Do not allow to enter into surface water or drains.

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12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Further ecological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Waste treatment options

Appropriate disposal / Product

16 05 04

Appropriate disposal / Package

Completely emptied packages can be recycled.

Other disposal recommendations

Dispose according to legislation. Do not allow to enter into surface water or drains.

SECTION 14: Transport information

14.1 UN number

UN 1950

14.2 UN proper shipping name

Land transport (ADR/RID)

AEROSOLS

Sea transport (IMDG)

AEROSOLS

Air transport (ICAO-TI / IATA-DGR)

AEROSOLS, FLAMMABLE

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 2
Classification code : 5F
Hazard identification number (Kemler No.)
: 23
Tunnel restriction code : D
Special provisions : LQ 2 · E 0
Hazard label(s) : 2.1

Sea transport (IMDG)

Class(es) : 2.1
EmS-No. : F-D / S-U
Special provisions : LQ 1 | · E 0
Hazard label(s) : 2.1

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Air transport (ICAO-TI / IATA-DGR)

Class(es) : 2.1
Special provisions : E 0
Hazard label(s) : 2.1

14.4 Packing group

14.5 Environmental hazards

Land transport (ADR/RID) : No
Sea transport (IMDG) : No
Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

EU legislation

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP] .

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] ·
03. Hazardous ingredients

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Relevant H- and EUH-phrases (Number and full text)

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H280 Contains gas under pressure; may explode if heated.

16.5 Training advice

None

16.6 Additional information

Contact:
++49 7156 303-0 (nur zu Bürozeiten besetzt)
info@trumpf.com

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.