

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

Printing date 07.02.2019

Version number 1.2

Revision: 07.02.2019

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

**1.1 Product identifier****Trade name:** Cleaner Spray**Article number:** 800002**UFI-Code:** CTA1-N0WN-F00R-Y05H**1.2 Relevant identified uses of the substance or mixture and uses advised against****Sector of Use** SU21 Consumer uses: Private households / general public / consumers**Application of the substance / the mixture** Cleaning agent / Cleaner**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Stanger Produktions- und Vertriebs GmbH &amp; Co KG

Ferdinand-Porsche-Straße 2

D-32339 Espelkamp

Telefon: +49 5743-9307-0

**Further information obtainable from:**

Abteilung Produktsicherheit

info@stanger.de

**1.4 Emergency telephone number:**

+49-5743-9307-0

(Montag bis Freitag, 7:00 - 17:00 Uhr)

**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.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

GHS label elements

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS02



GHS07



GHS09

**Signal word** Danger

(Contd. on page 2)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 07.02.2019

Version number 1.2

Revision: 07.02.2019

**Trade name: Cleaner Spray**

(Contd. of page 1)

**Hazard-determining components of labelling:**

solvent naphtha

acetone

propan-2-ol

**Hazard statements**

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

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

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.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

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

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

**2.3 Other hazards****Results of PBT and vPvB assessment** Not applicable.**PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures****Description:**

Mixture of substances listed below with nonhazardous additions.

Active substance with propellant

**Dangerous components:**

EC number: 920-750-0 Reg.nr.: 01-2119473851-33	solvent naphtha ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336	25-75%
CAS: 74-98-6 EINECS: 200-827-9	propane ⚠ Flam. Gas 1, H220; Press. Gas C, H280	<20%
CAS: 75-28-5 EINECS: 200-857-2	isobutane ⚠ Flam. Gas 1, H220; Press. Gas C, H280	<15%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49	acetone ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	<10%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	propan-2-ol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	<5%

**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 complaints.**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

(Contd. on page 3)

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

Printing date 07.02.2019

Version number 1.2

Revision: 07.02.2019

**Trade name: Cleaner Spray**

(Contd. of page 2)

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a 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**

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**5.2 Special hazards arising from the substance or mixture** No further relevant information available.**5.3 Advice for firefighters****Protective equipment:** Wear self-contained respiratory protective device.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

No special measures required.

**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 disposal information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.**Information about fire - and explosion protection:**

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Observe official regulations on storing packagings with pressurised containers.

**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** Keep container tightly sealed.**Storage class:** 2 B**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.

(Contd. on page 4)

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

Printing date 07.02.2019

Version number 1.2

Revision: 07.02.2019

**Trade name: Cleaner Spray**

(Contd. of page 3)

**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****67-64-1 acetone**

WEL	Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm
-----	--

**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

**Respiratory protection:** Not required.**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**

Butyl rubber, BR

Nitrile rubber, NBR

**For the permanent contact gloves made of the following materials are suitable: Butyl rubber, BR****For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Nitrile rubber, NBR

Chloroprene rubber, CR

**Eye protection:**

Safety glasses

Tightly sealed goggles

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

<b>Form:</b>	Aerosol
<b>Colour:</b>	Colourless
<b>Odour:</b>	Pungent

**Change in condition**

<b>Initial boiling point and boiling range:</b>	<0 °C Not applicable, as aerosol.
---	--------------------------------------

(Contd. on page 5)

GB

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

Printing date 07.02.2019

Version number 1.2

Revision: 07.02.2019

**Trade name: Cleaner Spray**

(Contd. of page 4)

<b>Flash point:</b>	-97 °C
<b>Ignition temperature:</b>	460 °C
<b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Explosion limits:</b>	
<b>Lower:</b>	1.7 Vol %
<b>Upper:</b>	10.9 Vol %
<b>Vapour pressure at 20 °C:</b>	8,300 hPa
<b>Density at 20 °C:</b>	0.66 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
<b>Organic solvents:</b>	85.1 %
<b>VOC (EC)</b>	660.0 g/l
<b>Verordnung über die Lenkungsabgabe auf flüchtigen organischen Verbindungen (Stand am 1. Januar 2009)</b>	
<b>VOCV (CH)</b>	100.00 %
<b>9.2 Other information</b>	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** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

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

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

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

**LD/LC50 values relevant for classification:**

**solvent naphtha**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>20 mg/l (rat)

**Primary irritant effect:**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Causes serious eye irritation.

**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**

May cause drowsiness or dizziness.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

(Contd. on page 6)

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

Printing date 07.02.2019

Version number 1.2

Revision: 07.02.2019

**Trade name: Cleaner Spray**

(Contd. of page 5)

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**SECTION 12: Ecological information****12.1 Toxicity***Aquatic toxicity: No further relevant information available.***12.2 Persistence and degradability** *No further relevant information available.***12.3 Bioaccumulative potential** *No further relevant information available.***12.4 Mobility in soil** *No further relevant information available.***Ecotoxicological effects:****Remark:** Toxic for fish**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 course or sewage system.**Also poisonous for fish and plankton in water bodies.***12.5 Results of PBT and vPvB assessment** *Not applicable.***12.6 Other adverse effects** *No further relevant information available.***SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation***Smaller quantities can be disposed of with household waste.**Must not be disposed together with household garbage. Do not allow product to reach sewage system.***Uncleaned packaging:****Recommendation:** *Disposal must be made according to official regulations.***SECTION 14: Transport information****14.1 UN-Number****ADR, IMDG, IATA**

UN1263

**14.2 UN proper shipping name****ADR**

1263 PAINT, ENVIRONMENTALLY HAZARDOUS

**IMDG**

PAINT (solvent naphtha), MARINE POLLUTANT

**IATA**

PAINT

**14.3 Transport hazard class(es)****ADR****Class**

3 (F1) Flammable liquids.

**Label**

3

(Contd. on page 7)

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

Printing date 07.02.2019

Version number 1.2

Revision: 07.02.2019

Trade name: Cleaner Spray

(Contd. of page 6)

**IMDG**

**Class** 3 Flammable liquids.  
**Label** 3

**IATA**

**Class** 3 Flammable liquids.  
**Label** 3

**14.4 Packing group**  
**ADR, IMDG, IATA** I

**14.5 Environmental hazards:** Product contains environmentally hazardous substances:  
solvent naphtha  
**Marine pollutant:** Symbol (fish and tree)  
**Special marking (ADR):** Symbol (fish and tree)

**14.6 Special precautions for user** Warning: Flammable liquids.  
**Danger code (Kemler):** 33  
**EMS Number:** F-E, S-E  
**Stowage Category** E

**14.7 Transport in bulk according to Annex II of**  
**Marpol and the IBC Code** Not applicable.

**Transport/Additional information:**

**ADR**  
**Limited quantities (LQ)** 500 ml  
**Excepted quantities (EQ)** Code: E3  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 300 ml  
**Transport category** 1  
**Tunnel restriction code** D/E

**IMDG**  
**Limited quantities (LQ)** 500 ml  
**Excepted quantities (EQ)** Code: E3  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 300 ml

**UN "Model Regulation":** UN 1263 PAINT, 3, I, ENVIRONMENTALLY HAZARDOUS

**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

P3a FLAMMABLE AEROSOLS

E2 Hazardous to the Aquatic Environment

(Contd. on page 8)

GB



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

Printing date 07.02.2019

Version number 1.2

Revision: 07.02.2019

**Trade name: Cleaner Spray**

(Contd. of page 7)

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t  
**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t  
**REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction:** 3  
**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### **SECTION 16: Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

#### **Relevant phrases**

H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H280 Contains gas under pressure; may explode if heated.  
H304 May be fatal if swallowed and enters airways.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

**Department issuing SDS:** Abteilung Produktsicherheit

**Contact:** Hr. Dr. Pohle

#### **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)  
VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Gas 1: Flammable gases – Category 1  
Aerosol 1: Aerosols – Category 1  
Press. Gas C: Gases under pressure – Compressed gas  
Flam. Liq. 2: Flammable liquids – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Asp. Tox. 1: Aspiration hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
\* **Data compared to the previous version altered.**

GB