

# EC-Safety Data Sheet conforming to 1907/2006/EG, Article 31

## Quick Spray

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

1.1 Product identifier	Quick Spray
1.2 Relevant identified uses of the substance or mixture and uses advised against	assembly paste
1.3 Details of the supplier of the safety data sheet	MOLYDUVAL GmbH * Halskestr.6 * 40880 Ratingen * Germany * +49(21002)9757-00 * safety@molyduval.com

### SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture 1272/2008/EG	hazard statements / category of danger / Hazard class H222 / Aerosol 1 / Extremely flammable aerosol.  H229 / Aerosol 1 / Pressurized container: May burst when heated. H315 / Skin Irrit. 2 / Causes skin irritation H319 / Eye Dam 2 / Irritating to eyes H336 / STOT SE 3 / May cause drowsiness or dizziness H412 / Chronische Aquatische Toxizität, Kategorie 3 / Harmful to aquatic life with long lasting effects Hazard categories: Aerosols: Aerosol 1 Hazard statements: Extremely entzündbares Aerosol. Pressurized container: May burst when heated.
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2.2 label elements



Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cyclene, < 5% n-Hexan  
2-Propanol; Isopropylalkohol; Isopropanol  
signal word: Danger  
GHS02 High-inflammatory  
GHS07 Harmful  
H222 Extremely flammable aerosol.  
  
H229 Pressurized container: May burst when heated.  
H315 Causes skin irritation  
H319 Irritating to eyes  
H336 May cause drowsiness or dizziness  
H412 Harmful to aquatic life with long lasting effects  
P102 Keep out of reach of children  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P261A Avoid inhalation of aerosol.  
P102 Keep out of reach of children  
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.  
P260 Do not breathe spray  
P261A Avoid inhalation of aerosol.  
P271 Use only in well-ventilated areas  
P273 Avoid release to the environment.  
P280 Wear suitable gloves  
P305+P351+P338 Response: For a few minutes, rinse cautiously with water: In case of contact with eyes. Remove contact lenses if possible. Continue rinsing.  
P410+P412 Protect from sunlight and do not expose to temperatures exceeding 50 ° C.  
P501 This material and its container must be disposed of as hazardous waste.

2.3 Other hazards

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

### SECTION 3: Composition - Information on Ingredients

3.1 Mixtures	Gefährliche Inhaltsstoffe EG-Nr. Anteil Bezeichnung CAS-Nr. Einstufung Index-Nr. GHS-Einstufung REACH-Nr. 203-448-7 30 - < 35 % Butan F+ - Hochentzündlich R12 106-97-8 Flam. Gas 1, Liquefied gas; H220 H280 921-024-6 15 - < 20 % Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cyclene, < 5% n-Hexan Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 200-827-9 15 - < 20 % Propan 74-98-6 Flam. Gas 1, Liquefied gas; H220 H280 200-661-7 5 - < 10 % 2-Propanol; Isopropylalkohol; Isopropanol 67-63-0 Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336
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### SECTION 4: First Aid Measures

4.1 General Instructions	Remove victim from danger zone, without exposing yourself to any personal risk. Remove wetted clothing and shoes and clean items before using them again.
4.2 After Inhalation	Remove exposed person to fresh air.

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4.3 After Skin Contact	Wash with soap and much water.
4.4 After Eye Contact	Flush eyes with copious amounts of water for 15 minutes holding lid away from eye.
4.5 After Ingestion	Do not induce vomiting. Seek medical advise
4.6 Most important symptoms and effects, both acute and delayed	Product may cause headache, dizziness, nausea, loss of consciousness and dry skin. Disorders of the central nervous system are possible as well. Also see item 11.
4.7 Indication of any immediate medical attention and special treatment needed	Prolonged and/or repeated exposure may cause skin discomfort and inflammation (dermatitis). In case of swallowing followed by vomiting, material may be aspirated into the lungs - possibly leading to pulmonary edema (wetlung).

### SECTION 5: Fire-Fighting Measures

5.1 Extinguishing media	Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide (CO <sub>2</sub> ). Unsuitable extinguishing media : Strong water jet.
5.2 Special hazards arising from the substance or mixture	In case of a fire, there may arise poisonous (CO, CO <sub>2</sub> and other organic gases) gases
5.3 Advice for firefighters	Oxygen-mask

### SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	Use oil-proofed clothing
6.2 Special Environmental Protection	Do not expose to environment or in effluent water.
6.3 Methods and material for containment and cleaning up	Use oil sucking materials f.e chemical absorbents.
6.4 Reference to other sections	n.a.

### SECTION 7: Handling and Storage

7.1 Precautions for safe handling	Container under pressure. Do not expose to temperatures exceeding 50°C (f.e. sunlight). Do not open violently.
7.2 Conditions for safe storage, including any incompatibilities	Storage according to TRG 300. To be stocked cool and dry, protect from sunlight and do not expose to temperatures exceeding 50 degree C. Smoking prohibited. Storage Class VCI: 2 B

### SECTION 8: Limiting and supervising the exposure / personal protection

8.1 Control parameters	Arbeitsplatzgrenzwerte (TRGS 900) Spitzenbegr. F/m <sup>3</sup> mg/m <sup>3</sup> ppm Bezeichnung CAS-Nr. Art 2(II) Kohlenwasserstoffe, C6-C7, n-Alkane,Isoalkane, Cyclene, < 5% n-Hexan 1500 AGW 1000 Propan 74-98-6 1800 AGW 4(II) 1000 Butan 106-97-8 2400 4(II) 1000 Isobutan 75-28-5 2400 2(II) 200 Propan-2-ol 67-63-0 500  Biologische Grenzwerte (TRGS 903): 67-63-0 Propan-2-ol B 25 mg/l b
8.2 Limitation and supervision of exposure - Personal Protective Equipment	Respiratory Protection: None required; except in case of aerosol formation. Avoid inhalation of vapors. Use breathing apparatus if exposed to vapors / dust / aerosol. Combination filter, eg DIN 3181 ABEK Hand protection: Chemical-resistant protective gloves according to DIN / EN 374 is recommended. Only suitable for short-term exposure. If contamination is that the gloves should be changed immediately. Skin contact with the wetted surfaces of the gloves should be avoided. Eye protection: Safety glasses Hygiene measures: Wash hands before breaks and immediately after handling the product. Store work clothes separately. Take off all contaminated clothing immediately. Protective measures: Handle in accordance with good industrial hygiene and safety practice.
8.3 Delimitation and monitoring of environmental exposure	Do not discharge into surface water or drains

### SECTION 9: Physical and Chemical Properties

Appearance Form	aerosol
Color	black
Appearance	aerosol
Odour	like petrol
Upper Explosion Limit	-
Lower Explosion Limit	2 Vol%
Specific Gravity, 20°C	1,00 g/cm <sup>3</sup>
Water Solubility	N

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### SECTION 10: Stability und Reactivity

10.1 Reactivity	Danger of explosion in case of overheating
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Fumes can combine with air to form an explosive mixture.
10.4 Conditions to be avoided	No
10.5 Incompatible Materials	No
10.6 Hazardous products of instability / decomposition	no

### SECTION 11: Toxicological Information

Toxicological Information	Akute Toxizität Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt. Akute Toxizität Bezeichnung CAS-Nr. Spezies Dosis Methode Expositionsweg Quelle 106-97-8 Butan inhalativ (4 h) Gas LC50 658 ppm Ratte GESTIS Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cyclene, < 5% n-Hexan Ratte LD50 >5000 mg/kg OECD 401 oral Kaninchen LD50 >2000 mg/kg OECD 402 dermal 67-63-0 2-Propanol; Isopropylalkohol; Isopropanol Ratte LD50 5840 mg/kg oral Kaninchen LD50 13900 mg/kg dermal inhalativ (4 h) Dampf LC50 47,5 mg/l Ratte
Symptoms after ingestion	no data available
At Skin Contact	keine Daten verfügbar
Symptoms after Inhalation	no data available
Symptoms after eye contact	keine Daten verfügbar
Toxicological Tests	There are no human toxicological data.
Toxicologic Effects	

### SECTION 12: Ecological Information

12.1 Toxicity	CAS-Nr. Bezeichnung [h]   [d] Aquatische Toxizität Methode Dosis Quelle Spezies Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cyclene, < 5% n-Hexan Akute Fischtoxizität 96 h OECD 203 LC50 11,4 mg/l Oncorhynchus mykiss (Regenbogenforelle) Akute Algentoxizität 72 h OECD 201 ErC50 30 mg/l Pseudokirchneriella subcapitata Akute Crustaceotoxizität 48 h OECD 202 EC50 3 mg/l Daphnia magna (Großer Wasserfloh) 2-Propanol; Isopropylalkohol; Isopropanol 67-63-0 Akute Fischtoxizität 96 h LC50 9640 mg/l Pimephales promelas (Dickkopfelritze) Akute Algentoxizität 72 h ErC50 >100 mg/l Scenedesmus subspicatus Akute Crustaceotoxizität 48 h EC50 13299 mg/l Daphnia magna (Großer Wasserfloh) Akute Bakterientoxizität (>100 mg/l)  Persistenz und Abbaubarkeit Das Produkt wurde nicht geprüft. Kohlenwasserstoffe, C6-C7, n-Alkane, Isoalkane, Cyclene, < 5% n-Hexan Biologischer Abbau 98% 28 Leicht biologisch abbaubar (nach OECD-Kriterien). 2-Propanol; Isopropylalkohol; Isopropanol 67-63-0 Biologischer Abbau 53% 5 Leicht biologisch abbaubar (nach OECD-Kriterien).
12.2 Persistence and degradability	Product is slightly harmful to water (water hazard class 1). Do not allow into drains, the ground water or the soil. Product is insoluble in water and floats on the water surface.
12.3 Bioaccumulative potential	n.a.
12.4 Mobility in soil	n.a.
12.5 Results of PBT and vPvB assessment	n.a.
12.6 Other adverse effects	n.a.

### SECTION 13: Disposal Considerations

13.1 Waste treatment methods	Waste key for uncleaned packing: 150110 PACKING WASTE, ABSORPTION MASSES, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING (A. n. g.); Packing (separated including collect locally Packing wastes); Packing, which is polluted by dangerous materials arrears of dangerous materials contained or ss dangerous waste classified.
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### SECTION 14: Transport information in accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1 UN-No	1950
14.2 UN proper shipping name	CLASS 2 CODE 5F CODE: 1950 AEROSOLS FLAMMABLE, LIMITED QUANTITIES (LQ2)
14.3 Transport hazard class	Class 2 Gas
14.4 Packing group	-
14.5 Environmental hazards	n.a.

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14.6 Special precautions for user n.a.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code n.a.

### SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture Extremely Flammable (F+)

national regulations  
water polluting category: 1

15.2 Chemical safety assessment siehe Punkt 8.1

### SECTION 16: Further Information

16.1 Full text of R-phrases referred to under sections 2 and 3

GHS02 High-inflammatory  
GHS07 Harmful  
H222 Extremely flammable aerosol.

H229 Pressurized container: May burst when heated.  
H315 Causes skin irritation  
H319 Irritating to eyes  
H336 May cause drowsiness or dizziness  
H412 Harmful to aquatic life with long lasting effects  
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16.2 Further Information

Although the information on this safety sheet is based on the by us known and reliable considered information, we can neither accept any responsibility for the use of it. Please contact us if more infos are needed.