

Safety Data Sheet

haupa®

HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

Page 1 of 9

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

1.1. Product identifier

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

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

Use of the substance/mixture

Lubricant, lubricants and release products

1.3. Details of the supplier of the safety data sheet

Company name:	HAUPA GmbH & Co.KG	
Street:	Königstraße 165-169	
Place:	D-42853 Remscheid	
Telephone:	+49 (2191) 84 18-0	Telefax: +49 (2191) 84 18 840
e-mail:	sales@haupa.com	
Contact person:	Jochen Husli	Telephone: +49 (2191) 84 18-0
e-mail:	jochen.husli@haupa.com	
Internet:	www.haupa.com	
Responsible Department:	Sicherheitsdatenblätter / Datenmanagement	

1.4. Emergency telephone number:

Die Nummer der Gesellschaft ist nur zu Bürozeiten besetzt: +49 (2191) 84 18-0(7:00 - 16:30 Uhr)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Aerosol: Aerosol 1
Serious eye damage/eye irritation: Eye Irrit. 2
Specific target organ toxicity - single exposure: STOT SE 3
Aspiration hazard: Asp. Tox. 1
Hazardous to the aquatic environment: Aquatic Chronic 3
Hazard Statements:
Extremely flammable aerosol.
Pressurised container: May burst if heated.
Causes serious eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.
Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha propan-2-ol; isopropyl alcohol; isopropanol

Signal word: Danger

Pictograms:



Hazard statements

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

Safety Data Sheet



HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

Page 2 of 9

H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

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.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Additional advice on labelling

The product is classified and labelled according to EC directives or corresponding national laws.

2.3. Other hazards

Processing vapours can irritate the respiratory tracts, skin and eyes. Do not breathe aerosol.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture related information

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
68476-40-4	Hydrocarbons, C3-4; Petroleum gas	25 -< 50 %		
	270-681-9	649-199-00-1	01-2119486557-22	
	Flam. Gas 1; H220			
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	15 -< 25 %		
	265-150-3	649-327-00-6	01-2119486659-16	
	Flam. Liq. 3, Eye Irrit. 2, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H319 H335 H336 H304 H411			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	< 5 %		
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			

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

Further Information

Full text of R-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.

After inhalation

Provide fresh air. Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

Page 3 of 9

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

Caution if victim vomits: Risk of aspiration! Medical treatment necessary.

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

The following symptoms may occur: difficulties of breathing. Headache.

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.

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.

5.3. Advice for firefighters

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

Additional information

Contaminated fire-fighting water must be collected separately. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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).

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.

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.

Advice on protection against fire and explosion

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

Further information on handling

Heating causes rise in pressure with risk of bursting.

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.

Safety Data Sheet



HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

Page 4 of 9

Advice on storage compatibility

No data available

Further information on storage conditions

Protect against: heat.

7.3. Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day

PNEC values

CAS No	Substance	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Micro-organisms in sewage treatment plants (STP)		2251 mg/l

8.2. Exposure controls

Appropriate engineering controls

Do not eat, drink, smoke or sneeze at the workplace.

Protective and hygiene measures

Work in well-ventilated zones or use proper respiratory protection.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Protect skin by using skin protective cream.

Hand protection: NBR (Nitrile rubber).

Thickness of glove material: > 0,45mm

penetration time (maximum wearing period): > 240min

Skin protection

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

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Environmental exposure controls

Further informations concerning special risk management measures: see annex of this safety data sheet

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

Page 5 of 9

(exposure scenarios).

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

Physical state:	Aerosol
Colour:	light yellow
Odour:	characteristic

Test method**Changes in the physical state**

Lower explosion limits:	1,5 vol. %
Upper explosion limits:	9,5 vol. %
Ignition temperature:	> 200 °C
Density (at 20 °C):	0,675 g/cm ³
Water solubility:	Immiscible

9.2. Other information

Solid content: No data available

SECTION 10: Stability and reactivity**10.1. Reactivity**

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Ignition hazard.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.

Further information

In case of exceeding the storage temperature: Danger of bursting container.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

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

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

Page 6 of 9

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha				
	oral	LD50	> 5000 mg/kg	Rat	
	inhalative (4 h) vapour	LC50	>7630 mg/l	Rat	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50	4570 mg/kg	Rat	
	dermal	LD50	13400 mg/kg	Rabbit	
	inhalative (4 h) aerosol	LC50	30 mg/l	Rat	

Irritation and corrosivity

Causes serious eye irritation.

Sensitising effects

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

STOT-single exposure

May cause respiratory irritation. (Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha)

May cause drowsiness or dizziness. (Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha), (propan-2-ol; isopropyl alcohol; isopropanol)

Severe effects after repeated or prolonged exposure

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

Leakage into the environment must be prevented.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha					
	Acute fish toxicity	LC50	10 mg/l	96 h		
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50	> 100 mg/l	96 h	Leuciscus idus (golden orfe)	
	Acute algae toxicity	ErC50	> 100 mg/l	72 h	Scenedesmus subspicatus	
	Acute crustacea toxicity	EC50	> 100 mg/l	48 h	Daphnia magna	

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

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

Page 7 of 9

12.6. Other adverse effects

Harmful to aquatic organisms.

Further information

Do not allow uncontrolled leakage of product into the environment. Doesn't get into the sewage water as long as the process is carried out according to regulations.
hazardous to water (WGK 2)

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
Classified as 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
Classified as 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
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
Transport category:	2
Tunnel restriction code:	D

Other applicable information (land transport)

E0

Inland waterways transport (ADN)

14.1. UN number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS
14.3. Transport hazard class(es):	2

Safety Data Sheet

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Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

Page 8 of 9

14.4. Packing group:

-

Hazard label:

2.1



Classification code:

5F

Special Provisions:

190 327 344 625

Limited quantity:

1 L

Other applicable information (inland waterways transport)

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



Special Provisions:

63, 190, 277, 327, 344, 959

Limited quantity:

1000 mL

EmS:

F-D, S-U

Other applicable information (marine transport)

E0

Air transport (ICAO)

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



Special Provisions:

A145 A167 A802

Limited quantity Passenger:

30 kg G

IATA-packing instructions - Passenger:

203

IATA-max. quantity - Passenger:

75 kg

IATA-packing instructions - Cargo:

203

IATA-max. quantity - Cargo:

150 kg

Other applicable information (air transport)

E0

: Y203

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

no

14.6. Special precautions for user

No data available

Safety Data Sheet



HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

Kontakt-Spray "HUPwetBlock" Aerosol 400 ml

Print date: 15.03.2016

Product code: 170180

Page 9 of 9

14.7. Transport in bulk according to Annex II of MARPOL73/78 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

2004/42/EC (VOC):

VOC-value (in g/L): 454

Volatile organic compounds (VOC) content in percent by weight: 66

National regulatory information

Water contaminating class (D):

2 - water contaminating

15.2. Chemical safety assessment

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

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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