

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

Product identifier

Name of product

Silicone-Spray (GB)
Art.-Nr. 0690 221 400

Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

Technical Aerosols

Details of the supplier of the safety data sheet

Manufacturer/distributor

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Advice

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Emergency telephone number

Emergency advice

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SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

F+; R12
Xi; R38
N; R51/53
R67

R-phrases

12	Extremely flammable.
38	Irritating to skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67	Vapours may cause drowsiness and dizziness.

Label elements

Labelling according to 67/548/EEC or 1999/45/EC

Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

F+	Extremely flammable
Xi	Irritant
N	Dangerous for the environment

R-phrases

12	Extremely flammable.
38	Irritating to skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67	Vapours may cause drowsiness and dizziness.

S-phrases

23	Do not breathe spray.
37	Wear suitable gloves.
51	Use only in well-ventilated areas.
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Hazardous ingredients for labeling

Specially gasoline 100/140

Special rules for supplemental label elements for certain mixtures

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.

Without sufficient ventilation the formation of explosive vapour/air mixtures cannot be excluded. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Other hazards
Information pertaining to special dangers for human and environment

In use, may form flammable/explosive vapour-air mixture.

SECTION 3: Composition/ information on ingredients
Mixtures
Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
64-17-5	200-578-6	ethanol	10 - 20	F R11
61641-74-5		propane/butane-mixture	40 - 45	F+, R12
64742-49-0	265-151-9	Naphtha (petroleum) hydrotreated, free of aromatics (note P: < 0,1% benzene)	20 - 30	F11; Xn R 65; Xi R38; R67; N R51/53

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
64-17-5	200-578-6	ethanol	10 - 20	Flam. Liq. 2, H225
61641-74-5		propane/butane-mixture	40 - 45	Flam. Gas 1, H220 / Press Gas, H280
64742-49-0	265-151-9	Naphtha (petroleum) hydrotreated, free of aromatics (note P: < 0,1% benzene)	20 - 30	Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Skin Irrit. 2, H315 / STOT SE 3, H336 / Aquatic Chronic 2, H411

REACH

CAS No	Name	REACH registration number
64742-49-0	Naphtha (petroleum) hydrotreated, free of aromatics (note P: < 0,1% benzene)	01-2119475514-35-xxxx

Description

Silikonspray auf Lösemittelbasis

SECTION 4: First aid measures
Description of first aid measures
General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off with soap and water.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion Do not induce vomiting. Refer to medical treatment.

Most important symptoms and effects, both acute and delayed**Physician's information / possible symptoms**

The following symptoms may occur:

Unconsciousness

Delirious state

Headache

Confusion

Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**

Foam

Dry fire-extinguishing substance

Carbon dioxide

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

Advice for firefighters**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply (isolated).

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Vapours are heavier than air and will spread on the ground.

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Take up with absorbent material.

After taking up the material dispose according to regulation.

Reference to other sections

No information available.

SECTION 7: Handling and storage**Precautions for safe handling****Advice on safe handling**

Ventilate closed rooms at ground level.

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

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

Vapours can form an explosive mixture with air.

Take precautionary measures against static discharges.

Avoid effect of heat.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep in closed original container.

Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

Further information on storage conditions

Protect from heat and direct solar radiation.

Storage temperature may not exceed 50°C (=122°F).

Store container at cool and aired place.

Store in a dry place.

Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**Control parameters****Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
106-97-8	Butane	8 hours	1450	600	EH40/2005
		Short-term	1810	750	
64-17-5	ethanol	8 hours	1920	1000	EH40/2005

Exposure controls**Respiratory protection**

Environment-independent breathing apparatus.

In case of insufficient ventilation or long-term effect use breathing apparatus.

Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile rubber; 0,4mm;480min; 60min.

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

Eye protection

safety goggles with side protection

Skin protection

protective clothing

General protective measures

Avoid contact with eyes and skin

Do not inhale aerosols

Hygiene measures

At work do not eat, drink and smoke.

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

aerosol

Colour

colourless

Odour

characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
Flash point	-60 °C				entzündliches Gas
Ignition temperature	> 250 °C				Sprühnebel
Lower explosion limit	0,6 Vol-%				
Upper explosion limit	not determined				
Vapour pressure	3,5 bar	20 °C			
Density	0,67 g/cm ³	20 °C	3,5 bar	compressed	calculated
Solubility in water					low soluble
Solvent concentration	ca. 45 - 50 %				

Other information

No information available.

SECTION 10: Stability and reactivity**Reactivity**

No information available.

Chemical stability

No information available.

Possibility of hazardous reactions

No information available.

Conditions to avoid

Keep away from heat.

Formation of explosive gas/air mixtures.

Incompatible materials

No information available.

Hazardous decomposition products

No hazardous decomposition products known.

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information**Information on toxicological effects****Experiences made from practice**

According to our experience and current information, the product has no detrimental effects on health if handled and used correctly

Irritates respiratory tract.

Frequent contact specially if dried out may cause skin and eye irritations.

Inhalation causes narcotic effect/intoxication.

Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

SECTION 12: Ecological information**Toxicity**

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

Other adverse effects**General regulation**

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment.

SECTION 13: Disposal considerations**Waste treatment methods****Waste code No.**

15 01 10*

Name of waste

packaging containing residues of or contaminated by dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Recycling, if possible.

Remove in accordance with local official regulations.

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the Recycling and Waste Management Act 8 KrW-/AbfG) stipulates recycling as a requirement.

Recommendations for packaging

Dispose of according to the local waste regulations.

Packaging that cannot be cleaned should be disposed of like the product.

General information

For proper waste disposal a complete emptying of the tin is necessary.

SECTION 14: Transport information**Land and inland navigation transport ADR/RID**

UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS, Classification code: 5F
transport in "limited quantities" according to 3.4 ADR is possible

Marine transport IMDG

UN 1950 AEROSOLS (NAPHTHA (PETROLEUM)), 2.1

MARINE POLLUTANT: Yes

Air transport ICAO/IATA-DGR

UN 1950 Aerosols, flammable, 2.1

ENVIRONMENTALLY HAZARDOUS: Yes

Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

Special precautions for user

No information available.

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

not applicable

SECTION 15: Regulatory information

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

VOC standard**Remark**

Daten separat anfragen / Request data separately.

Chemical Safety Assessment

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

SECTION 16: Other information**Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 11 Highly flammable.

R 12 Extremely flammable.

R 38 Irritating to skin.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 67 Vapours may cause drowsiness and dizziness.

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.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.