Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31, Annex II
according to Regulation (EU) No 2020/878

Printing date: 04.02.2022
Revision date: 04.02.2022
Version number: 2 (replaces version 1)

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

1.1 Product identifier

Trade name: FORCE SILICONE oil
UFI: GF0E-NDG0-J305-9XJ4

1.2 Relevant identified uses of the substance or mixture and uses advised against
No use descriptors (LCS, SU, PC, PROC, ERC, AC, TF categories) of the substance or mixture are available.

Application of the substance / the mixture: Lubricating and impregnating compound in aerosol version.
Uses advised against: Any other than the above mentioned.

1.3 Details of the supplier of the safety data sheet
Supplier:
KCK Cyklosport-Mode s.r.o.
Bartošova 348, 765 02 Otrokovice - Kvítkovice, Czech Republic
Company ID 185 59 751
Phones: +420 724 047 411, +420 724 011 433
E-mail: info@kckcyklosport.cz / Web site: www.kckcyklosport.cz

Further information obtainable from:
Ing. Karel Královec, Studio2K
Phone: +420 777 145 808, E-mail: bl@studio2k.cz, Website: www.bezpecnostni-listy.eu

1.4 Emergency telephone number
Phone: +420 224 919 293 or +420 224 915 402; E-mail: tis@vfn.cz
Toxicology Information Centre in Prague (TIS), Na Bojišti 1, 120 00 Prague 2, Czech Republic
Permanent medical information service for cases of acute poisoning of humans and animals.
National helpdesks contact details - https://echa.europa.eu/support/helpdesks.
Links to Poison Centers and Clinical Toxicologists all over the World: https://www.eapcct.org/index.php?page=links.

* SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
The product is classified as dangerous in the terms of the Regulation (EC) No 1272/2008 (CLP).
Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008: The product is classified and labelled according to the CLP regulation.
Hazard pictograms:

GHS02

Signal word: Danger

Hazard-determining components of labelling: Void.
Hazard statements:
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
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.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Additional information: Void.

Classification system:
Impurities, test data and additional information may have been taken into account in classifying and labelling the product.

2.3 Other hazards

Results of PBT and vPvB assessment
PBT:
The mixture does not contain substances classified at the date of preparation of the safety data sheet as PBT according to Regulation (EC) No 1907/2006 (REACH) in a concentration equal to or greater than 0.1 % by weight.

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vPvB:
The mixture does not contain substances classified at the date of preparation of the safety data sheet as vPvB according to Regulation (EC) No 1907/2006 (REACH) in a concentration equal to or greater than 0.1 % by weight.
Determination of endocrine-disrupting properties
The mixture does not contain substances that have been identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % by weight.

* SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:			
CAS: 74-98-6 EINECS: 200-827-9 INDEX: 601-003-00-5	propane	Flam. Gas 1A, H220 Press. Gas (Comp.), H280	< 17,0%
CAS: 75-28-5 EINECS: 200-857-2 INDEX: 601-004-00-0	isobutane	Flam. Gas 1A, H220 Press. Gas (Comp.), H280	< 17,0%
CAS: 106-97-8 EINECS: 203-448-7 INDEX: 601-004-00-0	butane	Flam. Gas 1A, H220 Press. Gas (Comp.), H280	< 17,0%

SVHC:
The product does not contain substances classified as of the date of preparation of the safety data sheet as PBT or vPvB and stated in the Candidate list of substances producing very high concerns for Appendix XIV of Regulation (EC) No 1907/2006 (REACH).

Regulation (EC) No 648/2004 on detergents / Labelling for contents: Not apply.

Additional information:
The substances named in this section are given with their actual, appropriate classification!
For substances that are listed in appendix VI, table 3 of the Regulation (EC) No 1272/2008 (CLP Regulation) this means that all notes that may be given here for the named classification have been taken into account.
For the wording of the listed hazard phrases refer to section 16.

* SECTION 4: First aid measures

4.1 Description of first aid measures
General information:
In case of doubt, appearance of symptoms or upon any problems, seek medical help and present this safety data sheet or the product label.
Immediately remove any clothing soiled by the product.
After inhalation:
Remove person from danger area.
Take care of fresh air supply and seek medical assistance upon subsequent or lasting problems.
After skin contact:
Wash the affected skin with water and soap, thoroughly rinse, and possibly treat with a reparation cream. Do not use any solvents. Upon skin irritation or other problems, consult further procedure with an expert physician.
After eye contact:
Open the eyelids, possibly remove the contact lenses, and thoroughly rinse the affected eyes with clean flowing water for about 15 minutes. Upon persisting eye irritation or other troubles, consult further procedure with an ophthalmologist.
After swallowing:
Ingestion is not expected with a mixture in the aerosol packaging.
Thoroughly rinse the mouth with water and do not cause vomiting. Put the affected person in warm and calm conditions. Seek medical assistance immediately.
Information for doctor: Symptomatic treatment.

4.2 Most important symptoms and effects, both acute and delayed
Possible toxicological effects resulting from the classification are stated in Section 11.
Upon inhalation:
Respiratory tract irritation.
Upon eye contact:
Eye irritation.
Eye lachrymation and flush.

4.3 Indication of any immediate medical attention and special treatment needed
In case of ingestion seek medical help immediately.
For special medical advice, contact the Toxicology Information Centre.

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SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:
Carbon dioxide (CO_2), extinguishing foam, extinguishing powder, water spray. Use fire extinguishing methods suitable to surrounding conditions.
For safety reasons unsuitable extinguishing agents: Water with full jet.

5.2 Special hazards arising from the substance or mixture
In case of fire, hazardous gases can be released.
In case of fire, the following can be released:
Carbon monoxide (CO) a carbon dioxide (CO_2).
Toxic gases.
Flammable gases and mixtures with air.
Inhalation of hazardous decomposition products of burning may result in damaged health.
Heat action on the vessel leads to an increase of pressure, thus creating danger of a vessel rupture and a subsequent explosion.

5.3 Advice for firefighters
Protective equipment:
Do not inhale explosion gases or combustion gases.
According to size of fire.
Corresponding protective insulation breathing apparatus and overpressure counter-chemical protective clothing.
Additional information:
Cool with water the products in enclosed packaging, which is near the fire. If possible, remove the products in un-damaged packaging from the danger area. Store the contaminated extinguishing water separately and do not let it into the sewerage. Remove the extinguishing water or used extinguishing materials together with the remnants of the fire according to the corresponding regulations.

*
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel:
In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination.
Leave the danger zone if possible, use existing emergency plans if necessary.
Ensure adequate ventilation.
Prevent the entry of unauthorised persons, ban smoking.
Wear protective equipment. Keep unprotected persons away.
Prevent inhalation of vapours/aerosols.
Prevent the possibility of slipping on the spilled product.
For emergency responders: See section 8 for suitable protective equipment and material specification.

6.2 Environmental precautions
Prevent increasing of the leaked quantity. Do not let the product enter the sewerage, surface and ground water and soil. Upon a more extensive leak of the product into the environment, proceed according to local regulations and contact the respective departments of local authorities.

6.3 Methods and material for containment and cleaning up
Upon a leak of the aerosol/gas, secure sufficient ventilation of the premises. In case of insufficient ventilation, explosive mixtures of vapours with air may be created.
Active mixture:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) and place into suitable and marked vessels.
Protect health against exposure of contained substances from the atmosphere, see the limit values of exposure, which are stated in Section 8.
Thoroughly wash the affected place and the tools used with a suitable detergent, do not use thinners.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

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
In addition to the information provided in this section, important information is also provided in Sections 6 and 8.
Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Do not spray onto a naked flame or any incandescent material.

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Possibly perform measures for protection against electrostatic discharge.
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.
Handling:
Before use, it is necessary to familiarize oneself with the contents of Sections 2, 6, 8, and 11 of the safety data sheet.
Ensure good ventilation.
Use only in well ventilated areas.
Use personal protective equipment.
Avoid inhalation of vapours and aerosols.
Avoid contact with eyes and skin.
Use working methods according to operating instructions.
Observe directions on label and instructions for use.
General hygiene measures for the handing of chemicals are applicable.
Before a pause and after ending the work, wash the hands and take off the polluted working clothes. Keep these clothes separately.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.
Do not eat, drink, smoke, or snuff during use.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles:
Store product well closed and only in original packing.
Observe official regulations on storing packagings with pressurised containers.
Information about storage in one common storage facility: Keep away from food, drink and animal feedingstuffs.
Further information about storage conditions:
Store in a well ventilated place.
Store in a dry and cool place.
Protect from direct sunlight and warming.
Keep out of access to unauthorised individuals.
Maximum storage temperature: +50 °C.
Recommended storage temperature: 0 - +25 °C.

7.3 Specific end use(s) Specific use is stated in the manual for use on the product packaging label or in the product documentation.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs: No values available.

PNECs: No values available.

Ingredients with biological limit values:
The product does not contain any relevant quantities of materials with biological limit values.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls
Appropriate engineering controls:
Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under WEL or IOEL values, suitable breathing protection should be worm. Applies only if maximum permissible exposure values are listed here.
Individual protection measures, such as personal protective equipment
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Do not eat, drink, smoke or sniff while working.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not inhale gases/fumes/aerosols.

Eye/face protection:

In case of danger of contact of the product drops with eyes, use tightly adhering protective goggles (EN 166).

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Body protection:
Not required during regular use.

As needed, use the working protective clothes.

Hand protection
Not required during regular use.

As needed, use protective gloves (EN ISO 374-1).

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Preventive skin protection by use of skin-protecting agents is recommended.
Material of gloves:
Not determined.
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:
Not determined.
No tests have been performed, glove resistance must be tested before use.
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Respiratory protection:
Unnecessary during regular use.

In case of insufficient ventilation and exceeding permitted exposure limits, use a suitable half-mask (EN 149+A1) with a filter (EN 14387+A1), upon high concentrations, use an insulation breathing apparatus (EN 137, EN 138).

Observe wearing time limitations for respiratory protection equipment.
Recommended filter device for short term use: Not determined.

Thermal hazards: Not applicable.

Environmental exposure controls: Adhere to usual measures for environmental protection, see Section 6.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Physical state:	Aerosol, active mixture: liquid.
Colour:	Colourless.
Odour:	Pleasant, after adding essences.
Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range:	-11,7 °C (propane/butane/isobutane)
Flammability:	Does not apply to aerosols.
Lower and upper explosion limit	
Lower:	1,8 % obj. (propane/butane/isobutane)
Upper:	8,4 % obj. (propane/butane/isobutane)
Flash point:	cca -80 °C (propane/butane/isobutane)
Auto-ignition temperature:	Product is not selfigniting.
Decomposition temperature:	Not determined.
pH:	The mixture is insoluble (in water).
Viscosity	
Kinematic viscosity:	Not determined.
Dynamic viscosity:	Not determined.
Solubility	
water:	Insoluble.
fats:	Soluble.
Partition coefficient n-octanol/water (log value):	Not determined.
Vapour pressure at 20 °C:	0,3 MPa

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Density and/or relative density	
Density:	Not determined.
Relative density:	Not determined.
Vapour density:	Not determined.
Relative gas density:	Not determined.
9.2 Other information	
Ignition temperature:	cca 420 °C (propane, butane, isobutane)
Important information on protection of health and environment, and on safety.	
Explosive properties:	Product does not present an explosion hazard. Development of explosive / easily flammable mixtures of vapours with air possible.
Solvent content	
VOC (2010/75/EC):	Not determined.
Oxidising properties:	No.
Evaporation rate:	Not determined.
Relative evaporation rate:	Not determined.
Information with regard to physical hazard classes	
Explosives:	Void.
Flammable gases:	Void.
Aerosols:	
Extremely flammable aerosol. Pressurised container: May burst if heated.	
Oxidising gases:	Void.
Gases under pressure:	Void.
Flammable liquids:	Void.
Flammable solids:	Void.
Self-reactive substances and mixtures:	Void.
Pyrophoric liquids:	Void.
Pyrophoric solids:	Void.
Self-heating substances and mixtures:	Void.
Substances and mixtures, which emit flammable gases in contact with water:	Void.
Oxidising liquids:	Void.
Oxidising solids:	Void.
Organic peroxides:	Void.
Corrosive to metals:	Void.
Desensitised explosives:	Void.
Additional information:	No relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity Upon adhering to the determined regulations of storage and use, no reactivity is expected (see Section 7).
10.2 Chemical stability Upon adhering to the determined regulations of storage and use, the product is stable (see Section 7).
10.3 Possibility of hazardous reactions Upon regular manner of use and storage, no hazardous reactions are created.
10.4 Conditions to avoid
Protect against open flames and ignition sources.
Prevent excessive heating by various heat sources above +50 °C. The growth of the pressure in the spray bottle leads to the danger of its bursting.
10.5 Incompatible materials No incompatible materials are known.
10.6 Hazardous decomposition products
No decomposition when used as directed.
At high temperatures, hazardous decomposition products may be created (see Subsection 5.2).

* SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity: Based on available data, the classification criteria are not met.

Relevant toxicological values for classification:		
74-98-6 propane		
Inhalative	LC50/4 h	658 mg/l (rat)
	NOAEC	21,641 mg/l (OECD 422 - Combined Repeated Dose Tox.) Toxicity for reproduction

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75-28-5 isobutane		
Inhalative	LC50/4 h	658 mg/l (rat)
106-97-8 butane		
Inhalative	LC50/4 h	658 mg/l (rat)

Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/irritation: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

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

Additional toxicological information: No relevant information is available.

Acute effects: No acute effects are known.

Sensitisation: Based on available data, the classification criteria are not met.
Repeated dose toxicity: Based on available data, the classification criteria are not met.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):
Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties:
None of the ingredients is listed.

Other information: No further information is available.

* SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity:
Based on available data, the classification criteria are not met.

74-98-6 propane	
LC50/48 h	16,3 mg/l (daphnia) Daphnia magna
LC50/96 h	16,1 mg/l (fish)
IC50/72 h	11,3 mg/l (algae)
75-28-5 isobutane	
LC50/96 h	27,98 mg/l (fish)
EC50/96 h	7,71 mg/l (algae)
106-97-8 butane	
LC50/48 h	14,22 mg/l (daphnia) (QSAR)
LC50/96 h	24,11 mg/l (fish) (QSAR)

12.2 Persistence and degradability Oil has a similar persistence as petroleum products. It is not readily biodegradable.

Behaviour in waste water treatment plants: No relevant information is available.

12.3 Bioaccumulative potential	
74-98-6 propane	
log Pow	2,28 significant bioaccumulation is not expected
106-97-8 butane	
log Pow	2,98 significant bioaccumulation is not expected

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment
The product does not contain substances classified as PBT or vPvB and included in the list of substances subject to authorization (Annex XIV of EP and R Regulation No 1907/2006, as amended).
PBT: No relevant information is available.

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vPvB: No relevant information is available.

12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects No other adverse effects are known.

Additional ecological information

AOX-indication: No relevant information is available.

General notes: Generally not hazardous for water.

* SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation:
Must not be disposed together with household waste. Do not allow product to reach sewage system.
The mixture is disposed of together with the pressure vessel.
Remove product residues according to the corresponding local directives in the adequate equipment as hazardous waste.
E.g. put away at suitable waste dumps or remove in suitable waste incineration plants.
Waste disposal key:
The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC, 2014/955/EU).
The catalogue numbers with the asterisk (*) mark hazardous waste (N), numbers without the asterisk mark other waste (O).

European waste catalogue and hazardous properties of waste:	
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
15 01 04	metallic packaging
HP3	Flammable

Uncleaned packaging
Recommendation:
Dispose of packaging according to regulations on the disposal of packagings.
Completely empty the pressure bottles (including the propelling gas).
Do not open by force or incinerate empty pressure bottles after use.
Take full aerosol cans to problem waste collection.
Handover the emptied packaging to the authorised organisation, which has a licence for their disposal.

Regulations:
Commission Decision No 2014/955/EU of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council.
Commission Regulation (EU) No 1357/2014, replacing Annex III to Directive 2008/98/EC of the European Parliament and of the Council on waste and repealing certain Directives.
Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, as amended.

SECTION 14: Transport information

14.1 UN number or ID number
ADR, IMDG, IATA UN1950

14.2 UN proper shipping name
ADR 1950 AEROSOLS
IMDG AEROSOLS
IATA AEROSOLS, flammable

14.3 Transport hazard class(es)

ADR

Class: 2 5F Gases.

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Label:	2.1
IMDG, IATA	
	
Class:	2.1 Gases.
Label	2.1
14.4 Packing group	
ADR, IMDG, IATA	Void.
14.5 Environmental hazards	
Marine pollutant:	No.
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-
EMS Number:	F-D,S-U
Stowage Code:	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code:	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ):	1L
Excepted quantities (EQ):	Code: E0 Not permitted as Excepted Quantity
Transport category:	2
Tunnel restriction code:	D
IMDG	
Limited quantities (LQ):	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity.
UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

* SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Named dangerous substances - ANNEX I: None of the ingredients is listed.
Seveso category: P3a FLAMMABLE AEROSOLS
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 for the group No 3.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II:

None of the ingredients is listed.

REGULATION (EU) 2019/1148:

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

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Regulation (EC) No 273/2004 on drug precursors:
None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors:
None of the ingredients is listed.

Legal regulations of the European Community:
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended.
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006, as amended.
COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
Directive 2012/18/EU of the European Parliament and of the Council of 4 July 2012 on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC, as amended.
COMMISSION REGULATION (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.
COMMISSION REGULATION (EU) 2019/521 of 27 March 2019 amending, for the purposes of its adaptation to technical and scientific progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

15.2 Chemical safety assessment A Chemical Safety Assessment has not been carried out.

* SECTION 16: Other information

Warning:
The safety data sheet contains data needed for securing safety and health protection during work and environ-mental protection. The stated data correspond to the current state of knowledge and experience and is in accord-ance with valid legal regulations. It cannot be deemed as a guarantee of the properties, suitability, and usefulness of the product for specific application and therefore no contractual legal relationships are hereby created.

Relevant phrases:
H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.

Training hints:
Pursuant to article No 35 of the European Parliament and Council Regulation (ES) No 1907/2006, the employer must allow employees or their representatives access to information from the safety data sheet of the substance or preparation, which the employees use or to the effects of which they may be exposed during their work.
Physical entities performed individual activities within the scope of handling of this hazardous product are trained and regularly, at least once a year, retrained.
Product information sources: safety data sheet, product or technical information, safety instructions, and other ex-pert documents for the product, issued by the supplier.

Recommended restriction of use:
The product is to be used only for the purpose, for which it is designed. It is up to the user's responsibility to ad-here to the product usage conditions and to respect the safety instructions for health and environmental protection.

Further information:
This product must be stored, sold, and used in accordance with valid hygienic regulations.
Standard packaging: tin spray bottle.

Classification according to Regulation (EC) No 1272/2008:	
Aerosols	Based on test data

Department issuing SDS:
Ing. Karel Královec, Studio2K
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First issue of SDS: 16.08.2017
Date of previous version: 16.08.2017
Version number of previous version: 1

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Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31, Annex II
according to Regulation (EU) No 2020/878

Printing date: 04.02.2022
Revision date: 04.02.2022
Version number: 2 (replaces version 1)

Trade name: FORCE SILICONE oil

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Reasons for alterations:
Revision of the safety data sheet due to adaptation to the requirements of Commission Regulation (EU) 2020/878 of 18 June 2020 with effect from 1 January 2021.
Revised sections: 1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13, 15, 16.
Internal code formula: 1180.001

Documents used to prepare SDS:
The original documents provided by the supplier or manufacturer related to the product (mixture), eventually to individual substances contained.

Abbreviations and acronyms:
ADR: Accord relatif au transport international 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)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flam. Gas 1A: Flammable gases – Category 1A
Aerosol 1: Aerosols – Category 1
Press. Gas (Comp.): Gases under pressure – Compressed gas

Sources:
The safety data sheet was prepared in accordance with the European Parliament and Council Regulation (EC) No 1272/2008 (CLP) and according to the requirements of the European Parliament and Council Regulation (EC) No 1907/2006 about the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency - head IV, article 31, appendix II (instructions for safety data sheet compiling), as amended by the Commission Regulation (EU) No 2020/878 of 18 June 2020.
The missing ecotoxicology and toxicology data was obtained from the ESIS (European chemical Substances Information System), specifically from the IUCLID (International Uniform ChemicaL Information Database). As needed, data from further available chemical databases was used.

*** Data compared to the previous version altered.**