

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 21.10.2022

Version number 1

Revision: 20.10.2022

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

**1.1 Product identifier**

**Trade name:** SPRAY SILK  
**UFI:** H830-G0JH-S00F-YMWD

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

No further relevant information available.

**Application of the substance / the mixture:**

Air freshener  
Consumer use  
Professional use

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Prime Solutions  
2 Deligiorgi str.  
174 56, Alimos, Greece  
Tel.: +30 2109902641  
Fax: +30 2109945660  
e-mail: info@primesolutions.gr  
website: www.primesolutions.gr

**Supplier/Distributor**

Spring Air  
Deligiorgi 2 & Ionias  
174 56 Alimos, Athens, Greece  
Tel: +30 2109734805  
Fax: +30 2109945660  
e-mail: info@springair.gr  
website: www.springair.gr

**1.4 Emergency telephone number:**



European Emergency Tel.: 112

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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation EC No 1272/2008 CLP:**

GHS02 flame

Aerosol 1      H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

Skin Sens. 1      H317      May cause an allergic skin reaction.

Aquatic Chronic 3 H412      Harmful to aquatic life with long lasting effects.

**2.2 Label elements****Labelling according to Regulation EC No 1272/2008 CLP:**

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

**Hazard pictograms:**

GHS02    GHS07

**Signal word:** Danger**Hazard-determining components of labelling:**

4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde

linalyl acetate

(R)-p-mentha-1,8-diene

linalool

benzyl salicylate

**Hazard statements:**

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

H317      May cause an allergic skin reaction.

H412      Harmful to aquatic life with long lasting effects.

**Precautionary statements**

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.

P273      Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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.

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**Additional information:**

Buildup of explosive mixtures possible without sufficient ventilation.

**Classification according to Directive 75/324/EEC (ADD) and its amendments:**

The product is classified according to the Directive 75/324/EEC (ADD) and its amendments, because its an aerosol dispenser product.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Determination of endocrine-disrupting properties**

CAS: 1222-05-5	galaxolide	List II
CAS: 118-58-1	benzyl salicylate	List II

**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture consisting of the following hazardous ingredients:**Ingredients according Regulation (EU) 2020/878:**

CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0	isobutane ⚠ Flam. Gas 1A, H220; Press. Gas (Comp.), H280	25-50%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60-XXXX	(2-methoxymethylethoxy)propanol substance with a Community workplace exposure limit	10-25%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5	propane ⚠ Flam. Gas 1A, H220; Press. Gas (Comp.), H280	10-25%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43-XXXX	ethanol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319	≥2.5-<10%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0	butane ⚠ Flam. Gas 1A, H220; Press. Gas (Comp.), H280	2.5-10%
CAS: 1222-05-5 EINECS: 214-946-9 Index number: 603-212-00-7 Reg.nr.: 01-2119488227-29-XXXX	galaxolide ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0.25-<2.5%
CAS: 18479-58-8 EINECS: 242-362-4	2,6-dimethyloct-7-en-2-ol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	≤2.5%
CAS: 115-95-7 EINECS: 204-116-4 Reg.nr.: 01-2119454789-19-XXXX	linalyl acetate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	≥0.1-<1%

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CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-096-00-2	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≥0.25-<1%
CAS: 31906-04-4 EINECS: 250-863-4 Index number: 605-040-00-8	4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde ⚠ Skin Sens. 1A, H317	≥0.1-<1%
CAS: 112-44-7 EINECS: 203-972-6	Undecanal ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315	<0.25%
CAS: 68901-15-5 EINECS: 272-657-3 Reg.nr.: 01-2120770514-54-XXXX	allyl (cyclohexyloxy)acetate ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	≥0.025-<0.25%
CAS: 131812-67-4	2,4-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-1,3-dioxolane ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0.025-<0.25%
CAS: 78-70-6 EINECS: 201-134-4 Index number: 603-235-00-2	linalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥0.1-<1%
CAS: 118-58-1 EINECS: 204-262-9 Index number: 607-754-00-5	benzyl salicylate ⚠ Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≥0.1-<1%
CAS: 84-66-2 EINECS: 201-550-6	diethyl phthalate substance with a Community workplace exposure limit	≤2.5%

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Take affected persons out into the fresh air.

Seek immediate medical advice.

**After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

Seek medical treatment in case of complaints.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Remove contaminated clothing.

Wash the skin immediately with soap and water.

In case of skin irritation, consult a physician.

**After eye contact:**

Avoid strong water jet-risk of cornea damage, consult a doctor.

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses.

Continue to rinse for 15 minutes.

Get medical attention if irritation occurs.

**After swallowing:**

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

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Never give anything by mouth to an unconscious person.

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

No further relevant information available.

**Hazards** May cause an allergic skin reaction.**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.

Foam

Sand or soil

CO<sub>2</sub>, foam, extinguishing powder, water spray**For safety reasons unsuitable extinguishing agents:** Water with full jet**5.2 Special hazards arising from the substance or mixture**

Pressurized container may explode in a fire. Pressurized container may explode if heated, due to excessive pressure build-up.

**5.3 Advice for firefighters****Protective equipment:**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Wear eye protection.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

**6.1.1 For non-emergency personnel** Avoid contact with dripping or leaking material**6.1.2 For emergency responders**

Wear protective equipment. Keep unprotected persons away.

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

**6.2 Environmental precautions:**

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

Prevent the product from entering sewers, rivers or the aquatic environment.

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

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

**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**

Open and handle receptacle with care.

Handle with care. Avoid jolting, friction and impact.

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**Information about fire - and explosion protection:**

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.

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

Flammable gas-air mixtures may form in empty receptacles.

Keep it in a dry, cool, well ventilated, fixed in advance place, away from sources of heat, flames, ignition and direct sunlight.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage:** Store in cool, dry conditions in well sealed receptacles.

**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****CAS: 34590-94-8 (2-methoxymethylethoxy)propanol**

IOELV (EU)	Long-term value: 308 mg/m <sup>3</sup> , 50 ppm Skin
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WEL (Great Britain)	Long-term value: 308 mg/m <sup>3</sup> , 50 ppm Sk
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**CAS: 64-17-5 ethanol**

WEL (Great Britain)	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
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**CAS: 106-97-8 butane**

WEL (Great Britain)	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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**CAS: 84-66-2 diethyl phthalate**

WEL (Great Britain)	Short-term value: 10 mg/m <sup>3</sup> Long-term value: 5 mg/m <sup>3</sup>
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**DNEL Workers Long term exposure local effects**

Ethanol (CAS 64-17-5)

Inhalation: 1900 mg/m<sup>3</sup>

**DNEL Workers Long term exposure systemic effects**

Ethanol (CAS 64-17-5)

Inhalation: 950 mg/m<sup>3</sup>

Skin Contact: 343 mg/kg bw/day

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**DNEL consumers Acute/short term exposure Local effects**

Ethanol (CAS 64-17-5)

Inhalation : 950 mg/m<sup>3</sup>**8.2 Exposure controls****8.2.1. Appropriate engineering controls** Provide adequate ventilation.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

**Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.**Hand protection**

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 mixture 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.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye/face protection** Not required.**Body protection:**

Protective work clothing

**Environmental exposure controls** Do not release the product into the environment without control.**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Physical state**

Aerosol

**Colour:**

Not determined

**Odour:**

Characteristic

**Odour threshold:**

Not determined

**Boiling point or initial boiling point and boiling range**

Not applicable

**Flammability**

Extremely flammable aerosol.

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**Lower and upper explosion limit**

<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Flash point:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>pH</b>	Not determined
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined
<b>Dynamic:</b>	Not determined
<b>Solubility</b>	
<b>water:</b>	Not determined
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined
<b>Relative density</b>	Not determined
<b>Vapour density</b>	Not determined

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Aerosol
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Cloud point / clarification point:</b>	
<b>Oxidising properties</b>	Not oxidising
<b>Evaporation rate</b>	Not applicable

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Extremely flammable aerosol. Pressurised container: May burst if heated.
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void

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Desensitised explosives

Void

**SECTION 10: Stability and reactivity****10.1 Reactivity** Stable under normal conditions**10.2 Chemical stability** Material is stable under normal conditions.**Thermal decomposition / conditions to be avoided**

To avoid thermal decomposition do not overheat.

Stable at environment temperature.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid**

The product should not be exposed to high temperatures, sparks, flame and electrostatic charges.

**10.5 Incompatible materials** Oxidizing agents**10.6 Hazardous decomposition products** No dangerous decomposition products known.**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.**LD/LC50 values relevant for classification:****CAS: 34590-94-8 (2-methoxymethylethoxy)propanol**

Oral	LD50	5,135 mg/kg (rat)
Dermal	LD50	>19,000 mg/kg (rabbit)

**CAS: 64-17-5 ethanol**

Oral	LD50	10,470 mg/kg (rat)
Dermal	LD50	17,100 mg/kg (rabbit)
Inhalative	LC50/4 h (vapour)	117-125 mg/l (rat)

**CAS: 106-97-8 butane**

Inhalative	LC50/4 h (vapour)	658 mg/l (rat)
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**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** May cause an allergic skin reaction.**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:****Repeated dose toxicity** Based on available data, the classification criteria are not met.**11.2 Information on other hazards****Endocrine disrupting properties**

CAS: 1222-05-5	galaxolide	List II
CAS: 118-58-1	benzyl salicylate	List II

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**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****CAS: 34590-94-8 (2-methoxymethylethoxy)propanol**

EC50	1,000 mg/l (algae)
EC50 (48h)	1,000 mg/l (Daphnia magna)
LC50 (96h)	1,000 mg/l (fis)

**12.2 Persistence and degradability**

(CAS: 64-17-5) Ethanol

84% in 20 days

Biodegradable

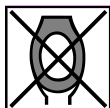
**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.**12.7 Other adverse effects****Remark:** Harmful to fish**Additional ecological information:****General notes:**

The product contains materials that are harmful to the environment.

Harmful to aquatic organisms

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

**European waste catalogue**

HP3	Flammable
HP14	Ecotoxic

**Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulations.

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**SECTION 14: Transport information**

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

UN1950

**14.2 UN proper shipping name**  
**ADR**  
**IMDG**  
**IATA**

1950 AEROSOLS  
 AEROSOLS  
 AEROSOLS, flammable

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

**Class**  
**Label**

2 5F Gases.  
 2.1

**IMDG, IATA**

**Class**  
**Label**

2.1 Gases.  
 2.1

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

Void

**14.5 Environmental hazards:**  
**Marine pollutant:**

No

**14.6 Special precautions for user**  
**Hazard identification number (Kemler code):**  
**EMS Number:**  
**Stowage Code**

Warning: Gases.  
 -  
 F-D,S-U  
 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.  
 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.

**Segregation Code**

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**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**

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

The product is classified according to the Directive 75/324/EEC (ADD) and its amendments, because its an aerosol dispenser product.

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as ammended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as ammended

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** Does not contain named substances.

**Seveso category P3a 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: 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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Printing date 21.10.2022

Version number 1

Revision: 20.10.2022

Trade name: SPRAY SILK

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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.

**National regulations:****Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

**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.  
 H226 Flammable liquid and vapour.  
 H280 Contains gas under pressure; may explode if heated.  
 H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.

**Training hints**

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

**Department issuing SDS:**

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**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)  
 LC50: Lethal concentration, 50 percent

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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  
Flam. Liq. 2: Flammable liquids – Category 2  
Flam. Liq. 3: Flammable liquids – Category 3  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1A: Skin sensitisation – Category 1A  
Skin Sens. 1B: Skin sensitisation – Category 1B  
Asp. Tox. 1: Aspiration hazard – Category 1  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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