

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** SPRAYWASH**Product code:** 703.400.000**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Cleaning agent / Cleaner**1.3. Details of the supplier of the safety data sheet****Company name:** ECS AG

Roosstrasse 53

CH-8832 Wollerau

Switzerland

**Tel:** +41 (0)44 / 787 53 56**Email:** gunnar.kleinmann@ecsag.com**1.4. Emergency telephone number****Emergency tel:** Germany: Intoxications Information Center; +49 761 19240

Switzerland: Swiss Toxicological Information Centre; +41 44 251 51 51

Austria: Intoxication information center; +43 1 406 43 43

**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Flam. Aerosol 1: H222; STOT SE 3: H336; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Asp. Tox. 1: H304; -: H229**Most important adverse effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS09: Environmental

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**Signal words:** Danger

**Precautionary statements:** P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.  
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.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352: IF ON SKIN: Wash with plenty of water/.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312: Call a POISON CENTER/doctor//if you feel unwell.  
P332+313: If skin irritation occurs: Get medical.  
P403+233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.  
P501: Dispose of to.

## 2.3. Other hazards

**Other hazards:** Buildup of explosive mixtures without sufficient ventilation.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

PROPAN-2-OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	35.000%

[cont...]

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KOHLENWASSERSTOFFE, C6, ISOALKANE, <5%N-HEXAN - REACH registered number(s): 01-2119484651-34

931-254-9	-	-	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; STOT SE 3: H336	25.000%
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KOHLENWASSERSTOFFE, C9-C10, N-ALKANE, ISO-ALKANE, CYCLISCHE VERBINDUNGEN, <2% AROMATEN

927-241-2	64742-82-1	-	Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 3: H412	15.000%
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1-METHOXY-2-PROPANOL

203-539-1	107-98-2	-	Flam. Liq. 3: H226; STOT SE 3: H336	15.000%
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ETHYL METHYL KETONE

201-159-0	78-93-3	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	5.000%
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KOHLENDIOXID

204-696-9	124-38-9	Substance with a Community workplace exposure limit.	Press. Gas: H280	5.000%
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**Contains:** aliphatic hydrocarbons  $\geq 30\%$

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

**Eye contact:** Rinse opened eye for several minutes under running water.

**Ingestion:** If symptoms persist consult doctor.

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

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

**Skin contact:** Causes skin irritation.

**Eye contact:** Causes serious eye irritation.

**Ingestion:** May be fatal if swallowed and enters airways.

**Inhalation:** May cause drowsiness or dizziness.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Water spray. Fight Larger fires with water spray or alcohol resistant foam.

[cont...]

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## 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** No further relevant information available.

## 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Protective equipment: No special measures required. 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

**Personal precautions:** Wear protective equipment. Keep unprotected persons away.

### 6.2. Environmental precautions

**Environmental precautions:** Do not allow to enter sewers/surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS. Safe handling: see section 7

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure good ventilation/exhaustion at the workplace. 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.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Observe official regulations on storing packagings with pressurised containers. 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. Storage class: 2B

### 7.3. Specific end use(s)

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

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

[cont...]

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## Hazardous ingredients:

### PROPAN-2-OL

#### Workplace exposure limits:

#### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>	-	-

### 1-METHOXY-2-PROPANOL

UK	375 mg/m <sup>3</sup>	560 mg/m <sup>3</sup>	-	-
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### ETHYL METHYL KETONE

UK	600 mg/m <sup>3</sup>	899 mg/m <sup>3</sup>	-	-
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### KOHLENDIOXID

EU	9100 mg/m <sup>3</sup>	-	-	-
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## DNEL/PNEC Values

DNEL / PNEC No data available.

## 8.2. Exposure controls

**Engineering measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Respiratory protection:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Short term filter device: Filter A/P2 Not necessary if room is well-ventillated.

**Hand protection:** Protective gloves. Nitrile gloves.

**Eye protection:** Tightly fitting safety goggles.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Aerosol

**Colour:** Colourless

**Odour:** Characteristic odour

**Solubility in water:** Not miscible or difficult to mix.

**Boiling point/range°C:** Not applicable.

**Flammability limits %: lower:** 0,8 Vol %

**Flash point°C:** -26°C

**Vapour pressure:** at 20°C: 6400hPa

**pH:** Not applicable.

**Melting point/range°C:** Undetermined.

**upper:** 20,0 Vol %

**Autoflammability°C:** >200 °C

**Relative density:** Not determined.

**VOC g/l:** 96,40 %

### 9.2. Other information

[cont...]

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## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** No further relevant information available.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** No dangerous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid:** No further relevant information available.

### 10.5. Incompatible materials

**Materials to avoid:** No further relevant information available.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** No dangerous decomposition products known.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

#### PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

#### KOHLWASSERSTOFFE, C6, ISOALKANE, <5%N-HEXAN

DERMAL	RAT	1H LC50	>3000	mg/kg
GASES	RAT	4H LC50	>20	mg/l
ORAL	RAT	LD50	>5000	mg/kg

#### KOHLWASSERSTOFFE, C9-C10, N-ALKANE, ISO-ALKANE, CYCLISCHE VERBINDUNGEN, <2% AROMATEN

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

#### 1-METHOXY-2-PROPANOL

IVN	RAT	LD50	4200	mg/kg
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ORL	MUS	LD50	11700	mg/kg
ORL	RAT	LDLO	3739	mg/kg

## Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** Causes skin irritation.

**Eye contact:** Causes serious eye irritation.

**Ingestion:** May be fatal if swallowed and enters airways.

**Inhalation:** May cause drowsiness or dizziness.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

#### KOHLLENWASSERSTOFFE, C6, ISOALKANE, <5%N-HEXAN

Daphnia magna	LC50/48h	3,87	mg/l
Oryzias latipes	LC50/48h	>1	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** No further relevant information available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No further relevant information available.

### 12.4. Mobility in soil

**Mobility:** No further relevant information available.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:** Toxic for fish Also poisonous for fish and plankton in water bodies. Toxic to aquatic organisms.

## Section 13: Disposal considerations

[cont...]

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## 13.1. Waste treatment methods

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

**Waste code number:** 15 01 10

**Disposal of packaging:** 15 01 04 metallic packaging Recommendation: Disposal must be made according to official regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1950

### 14.2. UN proper shipping name

**Shipping name:** Aerosols, environmentally hazardous  
(KOHLENWASSERSTOFFE, C6, ISOALKANE, <5%N-HEXAN)

### 14.3. Transport hazard class(es)

**Transport class:** 2 (5F+Gase)

### 14.4. Packing group

**Packing group:** entfällt

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** EMS Number: F-D,S-U Stowage Code: SW1, SW2 Segregation Code: SG69

**Tunnel code:** D

**Transport category:** 2

**IMDG seg. group:** LQ: 1L; EQ E0

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

**Transport in bulk:** Not applicable.

## Section 15: Regulatory information

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

**Specific regulations:** Directive 2012/18/EU Named dangerous substances - ANNEX 1 None of the ingredients is listed. Seveso category:

E2 Hazardous to the Aquatic Environment

P3b Flammable Aerosols Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t. Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t.

[cont...]



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## 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H280: Contains gas under pressure; may explode if heated.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye 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.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

