



SPS Iso-spray

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 22-7-2016 Revision date: 22-7-2016 Supersedes: 25-4-2014 Version: 1.1

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

1.1. Product identifier

Product form : Mixtures
Product name : SPS Iso-spray
Product code : 15009190103A
Product group : Pre-treatment product

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer uses, Professional use, Industrial use
Use of the substance/mixture : Aerosol
Undercoat

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

S.P.S. B.V.
Zilverenberg 16
5234 GM 's-Hertogenbosch. - Nederland
T +31 (0)73 642 27 10 - F +31 (0)73 642 60 95
info@spsbv.com - www.spsbv.com

1.4. Emergency telephone number

Emergency number : SPS BV.: +31 73 642 27 10 [7:30 - 16:30]

NL - Nationaal Vergiftigingen Informatie Centrum (NVIC)
Emergency telephone (24 hours): +31 30 274 88 88
(Only for doctors to inform accidental poisoning)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1 H222;H229
Serious eye damage/eye irritation, Category 2 H319
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Danger
Hazardous ingredients : Acetone
Hazard statements (CLP) : H222 - Extremely flammable aerosol
H229 - Pressurised container: May burst if heated
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

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Precautionary statements (CLP)	<p>H412 - Harmful to aquatic life with long lasting effects</p> <p>: 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 P260 - Do not breathe spray P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking P251 - Pressurized container: Do not pierce or burn, even after use P211 - Do not spray on an open flame or other ignition source P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation</p>
EUH-statements	<p>: EUH066 - Repeated exposure may cause skin dryness or cracking EUH210 - Safety data sheet available on request</p>
Security closing plug for children	<p>: Not applicable</p>
Tactile warning	<p>: Not applicable</p>

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acetone	(CAS No) 67-64-1 (EC no) 200-662-2 (EC index no) 606-001-00-8 (REACH-no) 01-2119471330-49	20 - 25	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
propane	(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5 (REACH-no) 01-2119486944-21	12,5 - 20	Flam. Gas 1, H220 Press. Gas
Isobutane	(CAS No) 75-28-5 (EC no) 200-857-2 (EC index no) 601-004-00-0 (REACH-no) 01-2119485395-27	5 - 10	Flam. Gas 1, H220 Press. Gas
butane	(CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0 (REACH-no) 01-2119474691-32	5 - 10	Flam. Gas 1, H220 Press. Gas
xylene	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32	2,5 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315
Naphtha (petroleum), hydrodesulfurized heavy (<0.1% benzol CAS nr. 71-43-2)	(CAS No) 64742-82-1 (EC no) 919-446-0 (EC index no) 649-330-00-2 (REACH-no) 01-2119490979-12	2,5 - 5	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Butanone	(CAS No) 78-93-3 (EC no) 201-159-0 (EC index no) 606-002-00-3 (REACH-no) 01-2119457290-43	1 - 2,5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Naphta light (low boiling point hydrogen treated) (<0.1% benzol CAS nr. 71-43-2)	(CAS No) 64742-49-0 (EC no) 265-151-9 (EC index no) 649-328-00-1 (REACH-no) 01-2119475133-43	0,1 - 1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice. Symptoms may be delayed. supervision of a doctor is necessary during at least 48h after an accident happened.
First-aid measures after inhalation	: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.
First-aid measures after skin contact	: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
First-aid measures after eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
First-aid measures after ingestion	: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. Drink plenty of water.

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

Symptoms/injuries	: No information is on file to date regarding acute and/or delayed post-exposure symptoms and effects.
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4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: carbon dioxide (CO ₂), powder, alcohol-resistant foam, water spray.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.
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5.3. Advice for firefighters

Precautionary measures fire	: Pressurised container: May burst if heated. Cool closed containers exposed to fire with water.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Use personal protective equipment as required.
Emergency procedures	: Do not smoke. Avoid ignition sources. Ventilate area. Do not breathe vapours.

6.1.2. For emergency responders

Protective equipment	: Equip rescue crew with proper protection.
Emergency procedures	: No smoking. Avoid ignition sources. Ventilate area. Do not breathe vapours.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).
Other information	: Clean preferably with a detergent - avoid use of solvents.

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

Precautions for safe handling	: Provide good ventilation in process area to prevent formation of vapour. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Hygiene measures	: Smoking, eating and drinking should be prohibited in application area.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep container tightly closed and dry.
Storage conditions	: Observe the label precautions. Store in accordance with local/national regulations.
Storage temperature	: 5 - 30 °C Store in dry, well-ventilated area.
Heat and ignition sources	: Keep away from heat and direct sunlight.
Prohibitions on mixed storage	: Not necessary under the recommended storage and handling conditions.
Storage area	: Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

No supplementary information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Acetone (67-64-1)		
EU	Local name	Acetone
EU	IOELV TWA (mg/m ³)	1210 mg/m ³
EU	IOELV TWA (ppm)	500 ppm

8.2. Exposure controls

Appropriate engineering controls:

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Hand protection:

not necessary

Eye protection:

Aerosol can. Even though no eye contact is expected under reasonable normal conditions of use, appropriate eye protection should be worn when handling this material

Skin and body protection:

Aerosol can. Protective clothing not absolutely necessary

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Do not breathe gas, fumes, vapour or spray. (Short term exposures: breathing apparatus with filter; long duration exposure: supplied-air respirator)

Consumer exposure controls:

Wash hands before break and at end of works. When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Colour	: white.
Odour	: Characteristic. Propellant spray.
Odour threshold	: No data available
pH	: Not determined.
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Not applicable, as aerosol.
Flash point	: < 0 °C Not applicable, as aerosol.
Auto-ignition temperature	: The product does not ignites spontaneously.
Decomposition temperature	: When exposed to heat, may decompose liberating hazardous gases
Flammability (solid, gas)	: 365 °C This product is flammable.
Vapour pressure	: 3500 hPa

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Relative vapour density at 20 °C	: Not determined.
Relative density	: Not determined.
Density	: 0,848 g/cm ³
Solubility	: Water: Negligible.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: Not determined.
Viscosity, dynamic	: Not determined.
Explosive properties	: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Oxidising properties	: No data available.
Explosive limits	: 1,7 - 13 vol %

9.2. Other information

VOC content : 555,3 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products. Open flame. Overheating.

10.5. Incompatible materials

No supplementary information available.

10.6. Hazardous decomposition products

Such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : There are no data available on the preparation itself. Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008. See Sections 2 and 3 for details

Acetone (67-64-1)	
LD50 oral rat	5800 mg/kg
LD50 dermal rabbit	20000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	0,039 mg/l/4h
butane (106-97-8)	
LD50 oral rat	1430 mg/m ³ [NL, 2007]
LC50 inhalation rat (Vapours - mg/l/4h)	658 mg/l/4h
Naphtha (petroleum), hydrodesulfurized heavy (<0.1% benzol CAS nr. 71-43-2) (64742-82-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	> 0,0116 mg/l/4h
xylene (1330-20-7)	
LD50 oral rat	4300 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	0,0221 mg/l/4h
Butanone (78-93-3)	
LD50 oral rat	2737 mg/kg
LD50 dermal rabbit	6480 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	0,034 mg/l/4h
Naphta light (low boiling point hydrogen treated) (<0.1% benzol CAS nr. 71-43-2) (64742-49-0)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2600 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	> 0,193 mg/l/4h

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Skin corrosion/irritation	: Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin pH: Not determined.
Serious eye damage/irritation	: The liquid splashed in the eyes may cause irritation and reversible damage pH: Not determined.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The mixture has been assessed following the conventional method of the Regulation (EC) No. 1272/2008 [CLP] and is classified as dangerous for the environment. See Sections 2 and 3 for details.

Acetone (67-64-1)	
LC50 fish 1	5540 mg/l [96 h.]
LC50 other aquatic organisms 2	2262 ml/l daphnia
EC50 Daphnia 1	8800 mg/l
Naphtha (petroleum), hydrodesulfurized heavy (<0.1% benzol CAS nr. 71-43-2) (64742-82-1)	
LC50 fish 1	> 100 mg/l
EC50 Daphnia 1	> 100 mg/l
xylene (1330-20-7)	
LC50 fish 1	13,5 mg/l [96 h.]
EC50 Daphnia 1	7,4 mg/l [48 h.]
Naphta light (low boiling point hydrogen treated) (<0.1% benzol CAS nr. 71-43-2) (64742-49-0)	
LC50 fish 1	127 - 159 mg/l (Leuciscus idus)

12.2. Persistence and degradability

SPS Iso-spray	
Persistence and degradability	There are no data available on the preparation itself. May cause long-term adverse effects in the aquatic environment.

12.3. Bioaccumulative potential

SPS Iso-spray	
BCF fish 1	Harmful to fishes
Log Pow	No data available
Log Kow	No data available
Bioaccumulative potential	There are no data available on the preparation itself.

12.4. Mobility in soil

SPS Iso-spray	
Ecology - soil	There are no data available on the preparation itself.

12.5. Results of PBT and vPvB assessment

SPS Iso-spray	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

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12.6. Other adverse effects

Additional information : Product may not flow into sewer or superficial water. May pollute public waters.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Do not allow to enter drains or water courses.
Waste treatment methods : Recycling is preferred to disposal or incineration.
Waste disposal recommendations : Dispose of this material and its container to hazardous or special waste collection point.
Additional information : Uncleaned packaging: Recommendation: Not completely empty packaging must be treated complying Directive 91/689/EEC.
European List of Waste (LoW) code : 08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
15 00 00 - WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 04 - metallic packaging

SECTION 14: Transport information

In accordance with ADR

ADR

14.1. UN number

1950

14.2. UN proper shipping name

AEROSOLS

Transport document description

UN 1950 AEROSOLS, 2.1, (D)

14.3. Transport hazard class(es)

2.1



14.4. Packing group

Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

No supplementary information available

14.6. Special precautions for user

Special transport precautions : Transport within user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

- Overland transport

Classification code (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR) : 11
Excepted quantities (ADR) : E0
Transport category (ADR) : 2
Tunnel restriction code (ADR) : D

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

IBC code : Not usable.
Ship type : Not determined.
Pollution category : Not determined.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

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Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 555,3 g/l

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

1.1	Product code	Modified
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Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Press. Gas	Gases under pressure
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
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
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
EUH066	Repeated exposure may cause skin dryness or cracking
EUH210	Safety data sheet available on request

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product