

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Prosolve Silver Zinc

Revision 2

Revision date 20/07/2019

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

1.1. Product identifier

Product name Prosolve Silver Zinc

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

Description Aerosol.

1.3. Details of the supplier of the safety data sheet

Company Blue Diamond STL
Address Sandall Stones Road
Kirk Sandall Ind Estate
Doncaster

DN3 1QR
United Kingdom
Web www.bdstl.com
Telephone +44 (0)1302 310113
Email sales@bdstl.com
Email address of the competent person sales@bdstl.com

1.4. Emergency telephone number

Emergency telephone number +44 (0)1302 310113
8.00am - 5.00pm Mon-Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC F+; R12 Xi; R36 N; R51/53 R66-67
Main hazards Symbols: F+: Extremely flammable. Xi: Irritant. N: Dangerous for the environment.
Extremely flammable. Irritating to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Symbols F+: Extremely flammable. Xi: Irritant. N: Dangerous for the environment.



Risk phrases R12 - Extremely flammable.
R36 - Irritating to eyes.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

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2.2. Label elements

Safety phrases	S1/2 - Keep locked up and out of the reach of children. S16 - Keep away from sources of ignition - No smoking. S23 - Do not breathe gas/fumes/vapour/spray. S24/25 - Avoid contact with skin and eyes. S29 - Do not empty into drains. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
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2.3. Other hazards

Other hazards	P251 - Pressurized container: Do not pierce or burn, even after use. P410+P412 - Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Xylene	601-022-00-9	1330-20-7	215-535-7	01-2119488216-32	1 - 10%	R10 Xn; R20/21 Xi; R38
Acetone	606-001-00-8	67-64-1	200-662-2	01-2119471330-49	30 - 40%	F; R11 Xi; R36 R66 R67
Butane	601-004-00-0	106-97-8	203-448-7		10 - 20%	F+; R12
Propane	601-003-00-5	74-98-6	200-827-9		10 - 20%	F+; R12
Methyl Ethyl Ketone	606-002-00-3	78-93-3	201-159-0		1 - 10%	F; R11 Xi; R36 R66 R67
zinc powder - zinc dust (stabilised)	030-001-01-9	7440-66-6	231-175-3		1 - 10%	N; R50/53
Solvent Naptha (Petroleum), Light Aromatic.; Low boiling point Naptha		64742-95-6	265-199-0		0.5 - 1%	Xn; R65 Xi; R37 N; R51/53 R10-66-67
alkanes, C14-17, chloro	602-095-00-X	85535-85-9	287-477-0		0.5 - 1%	R64 R66 N; R50/53
Naphtha, hydrotreated heavy		64742-48-9	265-150-3		0.5 - 1%	Xn; R65 R10-66
1,2,4-Trimethylbenzene	601-043-00-3	95-63-6	202-436-9		0.5 - 1%	R10 Xn; R20 Xi; R36/37/38 N; R51/53
1,3,5-Trimethylbenzene	601-025-00-5	108-67-8	203-604-4			R10 Xi; R37 N; R51/53

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 8 and 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3. Specific end use(s)

No data is available on this product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

1,2,4-Trimethylbenzene	DIR: 2000/39	8hTWA ppm: 20
	8hTWA mg/m ³ : 100	STEL ppm: -
	STEL mg/m ³ : -	NOT: -
1,3,5-Trimethylbenzene	DIR: 2000/39	8hTWA ppm: 20
	8hTWA mg/m ³ : 100	STEL ppm: -
	STEL mg/m ³ : -	NOT: -
Acetone	WEL 8-hr limit ppm: 500	WEL 8-hr limit mg/m ³ : 1210
	WEL 15 min limit ppm: 1500	WEL 15 min limit mg/m ³ : 3620
Butane	WEL 8-hr limit ppm: 600	WEL 8-hr limit mg/m ³ : 1450
	WEL 15 min limit ppm: 750	WEL 15 min limit mg/m ³ : 1810
Methyl Ethyl Ketone	WEL 8-hr limit ppm: 200	WEL 8-hr limit mg/m ³ : 600
	WEL 15 min limit ppm: 300	WEL 15 min limit mg/m ³ : 899
Xylene	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m ³ : 220
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m ³ : 441

8.2. Exposure controls

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8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear protective clothing.

Eye / face protection

In case of splashing, wear:.. Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Aerosol
Odour	Characteristic

9.2. Other information

VOC (Volatile organic compounds)	666 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Burning produces obnoxious and irritating fumes.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

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12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

Contact a licensed waste disposal company.

Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

ADR/RID

2

Subsidiary risk

see SP63

IMDG

2

Subsidiary risk

see SP63

IATA

2

Subsidiary risk

see SP63

14.4. Packing group

Packing group

-

14.5. Environmental hazards

Environmental hazards

No

Marine pollutant

No

ADR/RID

Hazard ID

-

Tunnel Category

(D)

IMDG

EmS Code

F-D S-U

IATA

Packing Instruction (Cargo)

203

Maximum quantity

150 kg

Packing Instruction (Passenger)

203

Maximum quantity

75 kg

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SECTION 15: Regulatory information

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

Regulations	<p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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.</p> <p>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.</p>
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	<p>R10 - Flammable</p> <p>R11 - Highly flammable.</p> <p>R12 - Extremely flammable.</p> <p>R20/21 - Harmful by inhalation and in contact with skin.</p> <p>R20 - Harmful by inhalation.</p> <p>R36/37/38 - Irritating to eyes, respiratory system and skin.</p> <p>R36 - Irritating to eyes.</p> <p>R37 - Irritating to respiratory system.</p> <p>R38 - Irritating to skin.</p> <p>R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R64 - May cause harm to breastfed babies.</p> <p>R65 - Harmful: may cause lung damage if swallowed.</p> <p>R66 - Repeated exposure may cause skin dryness or cracking.</p> <p>R67 - Vapours may cause drowsiness and dizziness.</p>
Maximum content of VOC	666 g/l.

Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
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