



**BLUE DIAMOND STL**  
GLOBAL REACH, PERSONAL SERVICE

## SAFETY DATA SHEET

According to Regulation (EU) No 830/2015

ProSolve™ Survey Spray (750ml)

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

#### 1.1. Product identifier

Trade Name: ProSolve™ Survey Spray

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

Identified Uses: Technical Aerosol

#### 1.3. Details of the supplier of the safety data sheet

Company Name: Blue Diamond STL

Company Address: Sandall Stones Road, Kirk Sandall Industrial Estate, Doncaster, South Yorkshire,  
DN3 1QR

Tel: +44 (0) 1302 310 113

E-mail: [enquiries@bdstl.com](mailto:enquiries@bdstl.com)

Web: [www.bdstl.com](http://www.bdstl.com)

### SECTION 2: Hazards Identification

#### 2.1. Classification of the substance or mixture

Hazard classes and Hazard categories	Hazard Statements
Aerosol 1	H222, H229
Aquatic Chronic 2	H411

## 2.2. Label elements Hazard pictograms:

### Hazard pictograms:



**Signal word:** Danger

### Hazard statements:

- |      |  |
|------|--|
| H222 | Extremely flammable aerosol.                     |
| H229 | Pressurised container: May burst if heated.      |
| H411 | Toxic 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.  |
| 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.                  |

## 2.3. Other hazards Results of PBT and vPvB assessment:

Product has an anesthetic effect.

### Information pertaining to special dangers for human and environment

In extensive use, formation of flammable / explosive vapour-air mixture is possible.

### ! Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## SECTION 3: Composition / Information On Ingredients

### Description

Survey spray based on synthetic resin binder, solvent and pigments.

### 3.1. Substances N/A

### 3.2. Mixtures Description: Hazardous Ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
8050-31-5	232-482-5	Resin acids and rosin acids, esters with glycerol	10<15	R43 Xi; R36/38 N; R51/53
N/A	N/A	Pigment	12< 18	No Classified
115-10-6	204-065-8	Dimethyl ether	30< 34	Flam. Gas 1, H220 / Press. Gas, H280
471-34-1	207-439-9	Calcium carbonate	18 < 21	No Classified
109-87-5	203-714-2	Dimethoxymethane	8< 12	Flam. Liq. 3, H226 / STOT SE 3, H336

## SECTION 4: First Aid Measures

### 4.1. Description of first aid measures

#### General information:

Remove contaminated soaked clothing immediately.

#### Inhalation:

Remove the casualty into fresh air and keep him immobile.

In the event of symptoms refer for medical treatment.

#### Skin Problem:

In case of contact with skin wash off with soap and water.

Consult a doctor if skin irritation persists.

#### Eye:

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

#### Ingestion:

Do not induce vomiting.

Medical treatment.

**4.2. Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**4.3. Indication of any immediate medical attention and special treatment needed:** No information available.

## **SECTION 5: Firefighting Measures**

### **5.1. Extinguishing media**

**Suitable:** Alcohol-resistant foam, Carbon dioxide, Dry sand

**Unsuitable:** Water

**5.2. Special hazards arising from the substance or mixture:** May lead to formation of explosive/easily ignitable vapour air mixtures. Danger of bursting.

**5.3. Advice for fire-fighters:** Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

**Additional Information:** Vapours are heavier than air and will spread on the ground. Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## **SECTION 6: Accidental Release Measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

#### **Personal precautions:**

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

Use breathing apparatus if exposed to vapours/dust/aerosol.

Pay attention to extension of gas especially at ground (heavier than air) and in direction of the wind.

### **6.2. Environmental protection measures**

Inform pollution control authorities if product gets into the sewerage systems or open waters.

Do not discharge into the drains or bodies of water.

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

Take up with absorbent material.

After taking up the material dispose according to regulation.

### **6.4. Reference to other sections:**

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

## **SECTION 7: Handling and Storage**

### **7.1. Precautions for safe handling**

#### **Advice on Safety Handling:**

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace. Take measures against electrostatically charging.

#### **General protective measures:**

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

#### **Hygiene measures**

At work do not eat, drink, smoke or take drugs. Wash hands before breaks and after work.

#### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking

Do not spray on a naked flame or any incandescent material. Pressurized container.

Do not pierce or burn even after use.

Vapours can form an explosive mixture with air. Avoid effect of heat.

Use explosion-proof equipment / fittings and non-sparking tools.

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

Requirements for storage rooms and vessels

Keep in closed original container.

Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

#### **Further information on storage conditions**

Protect from direct solar radiation.

Storage temperature may not exceed 50°C (=122°F). Store container at cool and aired place.

### **7.3. Specific end use(s)**

Recommendation(s) for intended use

See section 1.2

## **SECTION 8: Exposure Controls / Personal Protection**

### **8.1. Control parameters**

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
115-10-6	Dimethyl ether	8 hours	1920	N/A	IOELV
109-87-5	Dimethoxymethane	8 hours Short Term	3110	1000	EH40/2005

**Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
115-10-6	Dimethyl ether	8 hours	1920	N/A	Skin, Eye
109-87-5	Dimethoxymethane	8 hours Short Term	3110	1000	Skin, Eye

**Additional advice**

The statutory local and national regulations have to be observed.

**8.2. Exposure controls**

**Respiratory protection**

If ventilation insufficient, wear respiratory protection.

Short-term: filter apparatus, filter AX, otherwise environment-independent breathing apparatus.

**Hand protection**

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min

**Eye protection**

Tightly fitting goggles

### **Other protection measures**

Protective clothing

### **Appropriate engineering controls**

Sufficient ventilation and exhaustion.

## **SECTION 9: Physical and Chemical Properties**

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

**Appearance:** Aerosol

**Odour:** Solvent-like

**Colour:** Various

**pH (20°C):** Not determined

**Boiling Point:** Not Applicable

**Melting point / Freezing point:** not determined

**Flash point:** Not applicable (Aerosol)

**Vapourisation rate:** Not determined

**Flammable (solid):** Not determined

**Flammability (gas):** Not determined

**Ignition temperature:** Not determined

**Self ignition temperature:** Not determined

**Lower explosion limit:** Not determined

**Upper explosion limit:** Not determined

**Vapour pressure:** Not determined

**Relative density:** Not determined

**Vapour density:** Not determined

**Solubility in water:** Not determined

**Solubility/other:** Not determined

**Partition coefficient n- octanol/water (log P O/W):** Not determined

**Decomposition temperature:** Not determined

**Viscosity dynamic:** Not determined

**Viscosity kinematic:** Not determined

**Oxidising properties:** Not determined

No information available.

## Explosive properties

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .

**9.2. Other information:** No further relevant information available

## SECTION 10: Stability and Reactivity

**10.1. Reactivity:** No

**10.2. Chemical stability:** No further relevant information available

**10.3. Possibility of hazardous reactions:** Possibility of hazardous reaction

**10.4. Conditions to avoid:** Keep away from heat. Formation of explosive gas/air mixtures.

**10.5. Incompatible materials:** No further relevant information available

**10.6. Hazardous decomposition products:** No further relevant information available

**Thermal decomposition:** No decomposition if used as directed.

## SECTION 11: Toxicological Information

### 11.1 Information on toxicological effects

#### Acute toxicity

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	Rat		Information concerns main component.
LD50 acute dermal	1100 mg/kg			Xylene
LC50 acute inhalation	> 5 mg/l (4 h)	Rat		Aluminium
Irritability skin	irritant			
Irritability eye	irritant			



### **Experiences made from practice**

Often and long skin contact may cause degreasing and desiccation of the skin which may cause skin irritation. Irritates respiratory tract.

Irritates eyes and skin.

### **Additional information**

The product is to be handled with the caution usual with chemicals. Other hazardous properties may not be excluded.

## **SECTION 12: Ecological Information**

### **12.1. Toxicity**

No information available.

**12.2. Persistence and degradability:** No information available.

**12.3. Bioaccumulative potential:** No information available.

**12.4. Mobility in soil:** No information available.

**12.5. Results of PBT and vPvB assessment:** The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects:** No known significant effects or critical hazards

Toxic to aquatic life with long lasting effects.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment.

## **SECTION 13: Disposal Considerations**

### **13.1. Waste treatment methods**

<b>Waste Code Number</b>	<b>Name of Waste</b>
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08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
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Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

### **Recommendations for the product**

Remove in accordance with local official regulations.

### **Recommendations for packaging**

Dispose of according to the local waste regulations.

### **General information**

For proper waste disposal a complete emptying of the tin is necessary.

## SECTION 14: Transport Information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number:</b>	1950	1950	
<b>14.2. UN proper shipping name:</b>	AEROSOLS	AEROSOLS (ZINC POWDER)	Aerosols, flammable
<b>14.3. Transport hazard class(es):</b>	2.1	2.1	2.1
<b>14.4. Packing group:</b>	-	-	-
<b>14.5. Environmental hazards:</b>	Yes	Yes	Yes
<b>14.6. Special precautions for user</b>	No information available		

### 14.7. Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code:

Not applicable

### Land and inland navigation transport ADR/RID

Hazard label(s) 2.1

Tunnel restriction code D

Classification code 5F

transport in "limited quantities" according to 3.4 ADR is possible

### Marine transport IMDG

MARINE POLLUTANT

Transport as limited quantities according to 3.4 IMDG Code is possible.

### Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

## SECTION 15: Additional Regulatory Information

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

#### VOC Standard

VOC Content	0%
VOC Value	None

## 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other Information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed. For industrial use only.

### Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU- directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H261	In contact with water releases flammable gases.
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.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Issued By: Blue Diamond STL

OUR BRANDS



**Blue Diamond STL**, Sandall Stones Industrial Estate, Doncaster,  
South Yorkshire, DN3 1QR

+44 (0)1302 310 113   enquiries@bdstl.com   www.bdstl.com

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