



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Sub-Zero De-Icer (Trigger Spray)

Revision 2

Revision date 2013-06-17

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

1.1. Product identifier

Product name Sub-Zero De-Icer (Trigger Spray)

1.3. Details of the supplier of the safety data sheet

Company Granville Oil & Chemicals Ltd
Address 29 Goldthorpe Industrial Estate
Goldthorpe, Rotherham,
S63 9BL ENGLAND
Telephone +44 (0) 1709 890099
Fax +44 (0) 1709 891121

1.4. Emergency telephone number

Emergency telephone number +44 (0)1709 890099
830am - 5.00pm Monday - Friday

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

2.2. Label elements

Risk phrases No Significant Hazard.
Safety phrases S2 - Keep out of the reach of children.
S3/9/49 - Keep only in the original container in a cool, well-ventilated place.
S20/21 - When using do not eat, drink or smoke.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27/28 - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
S46 - If swallowed, seek medical advice immediately and show this container or label.
S51 - Use only in well-ventilated areas.

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
Glycerine (Glycerol, mist)		56-81-5			1 - 10%	
Sodium Chloride		7647-14-5			1 - 10%	

SECTION 4: First aid measures

4.1. Description of first aid measures

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4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If symptoms persist seek medical advice.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash with water for 10 minutes or longer if product is still on skin. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Water spray. Dry chemical. Carbon dioxide (CO ₂). Foam.
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5.2. Special hazards arising from the substance or mixture

	Emits toxic fumes under fire conditions.
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5.3. Advice for firefighters

	Wear protective clothing to prevent contact with skin and eyes. Self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Avoid contact with skin and eyes. Appropriate local exhaust ventilation is required.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Avoid prolonged or repeated exposure. Appropriate local exhaust ventilation is required.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep away from sources of ignition - No smoking. Incompatible with strong oxidizing agents. Keep containers tightly closed in a dry, cool and well ventilated place.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Glycerine (Glycerol, mist)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. Rinse skin with water/shower. Provide eye wash station.
Eye / face protection	Suitable eye protection.
Skin protection - Handprotection	Wear suitable gloves.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Appropriate respiratory protection.

Further information

	Do not eat, drink or smoke when using this product. Wash hands after handling the product.
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SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Blue
Odour	Mild
pH	6.5 - 7.5
Flash point	> 100 °C
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

Carbon oxides. Sulphur oxides. Sodium oxides.

Further information

Hazardous polymerization will not occur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause eye irritation.
Respiratory or skin sensitisation	May cause irritation to respiratory system.

11.1.4. Toxicological Information

Sub-Zero De-Icer (Trigger Spray)	Oral Rat LD50: 31,500 mg/kg
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SECTION 12: Ecological information

Further information

No data available.

SECTION 13: Disposal considerations

Disposal methods

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Other information

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Other information

	The data contained within the Safety Data Sheet is believed to be accurate and given in good faith. No warranty express or implied is made. The user assumes all liability for any damage or injury caused resulting from abnormal use.
Revision	This document differs from the previous version in the following areas: 15 - Safety phrases.