



SAFETY DATA SHEET

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Refridgerant Boost

Revision 0
Revision date

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name Refridgerant Boost
Company Solvitol Ltd
Shadon Way
Portobello Industrial Estate
Birtley
County Durham
DH3 2RE
United Kingdom
Telephone +44 (0)191 410 9131
Fax +44 (0)191 492 0503

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Risks
1,1,1,2-Tetrafluoroethane	90 - 100%	811-97-2		

3. HAZARDS IDENTIFICATION

Main hazards No Significant Hazard.

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation May cause irritation to mucous membranes. Move the exposed person to fresh air.

Ingestion May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions.

Fire hazards Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area.

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

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

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7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

1,1,1,2-Tetrafluoroethane (HFC 134a)	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m3: 4240
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

Engineering measures	Ensure adequate ventilation of the working area.
Hand protection	Chemical resistant gloves (PVC).
Eye protection	In case of splashing, wear: Approved safety goggles.
Protective equipment	Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Clear.
Odour	Characteristic.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
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11. TOXICOLOGICAL INFORMATION

Toxicological information	No data is available on this product.
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12. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available on this product.
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13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
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14. TRANSPORT INFORMATION

ADR/RID

UN 3159	Packing group -
Class 2	Hazard ID 20
Proper Shipping Name E	1,1,1,2-TETRAFLUOROETHAN

IMDG

UN 3159	Packing group -
Class 2	Marine pollutant NO
EmS Code F-C S-V	

IATA

UN 3159	Packing group -
Class 2	Subsidiary risk -
Packing Instruction 200 (Cargo)	Maximum quantity 150 kg
Packing Instruction 200 (Passenger)	Maximum quantity 75 kg

Further information The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

Safety phrases S2 - Keep out of the reach of children.
S24/25 - Avoid contact with skin and eyes.

16. OTHER INFORMATION

Further information 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.