

SAFETY DATA SHEET

IPA SUPER DE-ICER

CP0317 v2.1 RS 229-9381

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: IPA SUPER DE-ICER
PART No.: SDI300
SUPPLIER: TETROSYL LIMITED
BEVIS GREEN WORKS
WALMERSLEY
BURY
Tel: 0161 764 5981
Fax: 0161 797 5899

Supplied by:

RS Components Ltd, Birchington Road, Corby, Northants, NN17 9RS.
Tel: (01536) 402888

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME			CONTENT
CAS No.: ETHANEDIOL 107-21-1	EINECS Nr.: 203-473-3	CLASSIFICATION Xn R-22	5-10 %
BUTANE 106-97-8	203-448-7	Fx R-12	10-30 %
PROPAN-2-OL 67-63-0	200-661-7	Xi ,F R-11, 36, 67	30-60 %

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION

Extremely flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: Rinse mouth thoroughly. Provide rest, warmth and fresh air. DO NOT INDUCE VOMITING!
NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

SKIN: Remove affected person from source of contamination. Get medical attention if any discomfort continues.

EYES: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while

lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	This material is not flammable. Use extinguishing media appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Move container from fire area if it can be done without risk.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Aerosol cans may explode in fires.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS:	Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.
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7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
PROPAN-2-OL	67-63-0	OES	400 ppm	500 ppm
ETHANEDIOL	107-21-1	OES	52 mg/m ³ (Sk)	104 mg/m ³ (Sk)
BUTANE	106-97-8	OES	600 ppm	750 ppm

PROTECTIVE EQUIPMENT:



OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
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HYGIENIC WORK PRACTICES:	Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material. DO NOT SMOKE IN WORK AREA!
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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Aerosol. Liquid.		
COLOUR:	Clear. Blue.		
DENSITY/SPECIFIC GRAVITY (g/ml):	0.90 - 0.925	Temperature (°C):	20
pH-VALUE, CONC. SOLUTION:	10.5 - 11.5		

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.
HAZARDOUS DECOMP. PRODUCTS:	Fire or high temperatures create: Hydrogen chloride (HCl). Phosgene (COCl ₂).

11. TOXICOLOGICAL INFORMATION

INHALATION:	Solvent vapours are hazardous and may cause nausea, sickness and headaches.
INGESTION:	May cause discomfort if swallowed.
SKIN:	Contact with this chemical can be hazardous.
EYES:	Irritating to eyes.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:	Dangerous for the environment if discharged into watercourses.
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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Dispose of in accordance with Local Authority requirements.
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14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



UK ROAD TRANSPORT CLASS:	2
UK ROAD PACK GR.:	N/A
ADR CLASS No.:	2
PROPER SHIPPING NAME I:	AEROSOLS
IMDG CLASS:	2
IMDG PACK GR.:	N/A
ICAO CLASS:	2
AIR PACK GR.:	N/A

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES:	R-12 Extremely flammable. R-36 Irritating to eyes. R-67 Vapours may cause drowsiness and dizziness.
SAFETY PHRASES:	S-16 Keep away from sources of ignition - No Smoking. S-2 Keep out of the reach of children. S-25 Avoid contact with eyes. S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-46 If swallowed, seek medical advice immediately and show this container or label. S-51 Use only in well-ventilated areas. S-56 Dispose of this material and its container to hazardous or special waste collection point. S-9 Keep container in a well-ventilated place.
UK REGULATORY REFERENCES:	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972.
ENVIRONMENTAL LISTING:	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.
EU DIRECTIVES:	System of specific information relating to Dangerous Preparations. 91\155.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES: Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION

INFORMATION SOURCES: Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REV. No./REPL. SDS GENERATED: 1

SDS No.: 200123

R-PHRASES (Full Text): R-11 Highly flammable. R-36 Irritating to eyes. R-67 Vapours may cause drowsiness and dizziness. R-22 Harmful if swallowed. R-12 Extremely flammable.

DISCLAIMER: The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.