

Section 1: Product Name and Company Identification

Product Name: Microsafe 70% IPA Spray
Part Number: MS SI500, MS SI 950, MS S 500 , MS S 950
Company Name: Naturelle Consumer Products Limited.
Unit 5, Bankmore Way East Industrial Park
Doogary,
Omagh
Co. Tyrone
BT79 0NZ

This product is tested to BS EN standards 13697:2001, 1650:2008 and 1276:2009.

Section 2: Composition / Information on Ingredients

- 2.1 Active Ingredients: Isopropanol Alcohol C+ Grade / Purified Water
- 2.2 70 Part Isopropanol Alcohol 30 Parts Purified Water
- 2.3

Composition / Information on Ingredients Hibicet Hospital Concentrate

	CAS Number	EC Number	Amount (%)
Isopropanol Alcohol C+ Grade	67-63-0	200-661-7	70
Purified Water	N/A	N/A	30

Section 3 : Hazards Identification

Emergency Overview – Flammable. Causes eye irritation

- 3.1
- Health Effects: Do not use on skin.
 - Effect on Eyes: Corrosive – causes irritation, and redness.
 - Effect on Ingestion: DO NOT INDUCE VOMITING. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemicals. Seek medical attention if irritation or symptoms persist.

- Effects on Inhalation: Unlikely route of exposure. If vapour concentrations are in excess of recommended exposure levels they can be irritation to eyes, nasal passages, throat and respiratory tract and may cause light headedness and headaches.

Section 4 : First Aid Measures

- Eye Contact: If sufficient material has entered the eyes to cause irritation. Flush thoroughly with water for at least 15 minutes. Seek medical attention.
- Skin Contact: No hazard. Do not use on skin.
- Ingestion: If swallowed get medical help straight away.
- Inhalation If symptoms develop remove person to fresh air, seek medical help if symptoms persist.

Section 5 : Fire-Fighting Measures

- Flammability: Flammable
- Explosion Hazard: None
- Suitable Extinguishing Media: Alcohol-resistant foam, dry chemical, carbon dioxide, water spray or fog
- Other Recommendations: Remove sources of ignition if possible. Fire fighters should use pressure self contained breathing apparatus. Thermal decomposition may cause carbon oxides, nitrogen oxides, hydrogen chloride and ammonia.

Section 6 : Accidental Release Measures

Remove all sources of ignition. Place in appropriate container for disposal and ventilate spill area.

Section 7 : Handling & Storage

- Recommended Storage Conditions: Keep away from incompatible chemicals and all sources of ignition. Keep away from fire or flame. Store clean and dry, well-ventilated area out of direct sunlight. Avoid extremes of temperature.
- Recommended Handling Precautions
For external use only. Avoid prolonged exposure. Avoid breathing vapours. Follows label directions carefully. Do not use with electrocautery procedures. Use in well ventilated areas.

Section 8 : Exposure Controls / Personal Protection

8. Exposure Controls/Personal Protection Component	CAS Number	Exposure Limits
Isopropyl Alcohol	67-63-0	UK OES MEL: 400 ppm
		UK OES STEL: 500 ppm
		OSHA PEL: 400 ppm
		OSHA STEL: 500 ppm
		DFG MAK TWA: 400 ppm
		DFG MAK STEL: 800 ppm
		ACG1H TLV: 200 ppm
		ACG1H STEL: 400 ppm

- Eye Protection: Avoid eye contact, if possible use safety glasses or goggles.
- Skin Protection: Wash hands thoroughly after handling.
- Respiratory Protection: If exposure limit is exceeded use appropriate respiratory protection

Section 9 : Physical and Chemical Properties

- Appearance: clear liquid
- Odour: Alcohol odour
- Boiling Point: 82.3°C
- Flashpoint: 11.67°C
- Vapour Density: 2.1 (AIR = 1)
- Vapour Pressure: 4.3kPa (32mmHg) at 20°C
- Specific gravity: 0.789 (H₂O=1)
- Water Solubility: 1.4

Section 10 : Stability And Reactivity

- Conditions to Avoid: Extremes of temperature, sparks or flame.

Safety Data Sheet

- Material to Avoid: Oxidizing agents, anionic surfactants, ammonia, chlorine products.
- Hazardous Decomposition Products: Not applicable.
- Hazardous Polymerization: Will not occur.

Section 11 : Toxicological Information

When used, stored and handled as per instructions, the product represents no toxicological hazard. In case of medical emergency contact your local poisons centre.

Section 12 : Ecological Information

Do not allow product to contaminate ponds, watercourses, soils or drains. Do NOT dispose of product down the drain.

Isopropanol has a LC50/96 hour value to fish of over 100mg/L.

Section 13 : Disposal Considerations

Strict adherence must be made to all European, national and local laws and regulations.

Section 14 : Transport Information

Proper shipping name: Solids Containing Flammable Liquids (Isopropanol), n.o.s.

- Hazard Class/Division: 3 (Flammable Liquid)
- Identification Number: UN1219
- Packing Group: II
- Label



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Section 15 : Regulatory Information

- Hazard Symbol:
 - F Highly Flammable
 - Xi Irritant
- R Phrases:
 - R11
 - R36
 - R67Highly flammable
Irritating to eyes
Vapors may cause drowsiness and dizziness.
- S Phrases:
 - S2
 - S7
 - S16
 - S24/25
 - S26Keep out of reach of children
Keep container tightly closed
Keep away from sources of ignition - No smoking
Avoid contact with skin and eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

NFPA Ratings: Health - 1; Flammability - 3; Reactivity 0.

Section 16 : Other Information

15. Other Information

The information herein is based on data considered to be accurate as of the date of preparation of the Material safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

Information compiled on 02 April 2020