

# Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)



## Microsafe 70% IPA Spray

Version: 1.0 / EN

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Revision date: 13 April 2020

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product Identifier:

Product Code	Product Identifier
MS I 500	Microsafe 70% IPA 500ml Spray Bottle
MS I 950	Microsafe 70% IPA 950ml Spray Bottle

Substance name: IPA, Isopropyl Alcohol

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

Surface Disinfectant

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

Manufacturer/supplier: Naturelle Consumer Products Ltd

Address: Unit 5, Bankmore Way East Industrial Park  
Doogary,  
OMAGH  
Co Tyrone  
BT79 0NZ  
Northern Ireland

Email: customerservices@naturelle.ie

Tel/Fax: +44 (0)28 8224 9396

Compiled by: Laoise McNulty  
Quality2@naturelle.ie

#### 1.4. Emergency telephone number:

Emergency Telephone: +44 (0)28 8224 9396

Opening hours: Only available during office hours (UK time)

Other comments: Phone service only available in English language

### 2. Hazards Identification

#### 2.1. Classification of the Mixture

Flammable Liquid 2: H225  
Eye Irritant 2: H319  
STOT SE 2: H336 (inhalation)

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### 2.2. Label Elements

Labelling according to Regulation (EC) No 1272/2008:

Hazard Pictograms:

GHS02: Flame

GHS07: Exclamation mark



Signal Word: DANGER

Hazard Statements:

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation

H336: May cause drowsiness or dizziness

Precautionary Statements:

P210: Keep away from sparks/open flames/hot surfaces – No smoking

P280: Wear protective eye protection

P337+313: If eye irritation persists: Get medical attention

P403: Store in a well-ventilated place.

### 2.3. Other Hazards:

In use, may form flammable/explosive vapour-air mixture.

This product is not identified as a PBT substance

## 3. Composition/Information on Ingredients

Name	EC No.	CAS No.	Content	Classification
Isopropanol Alcohol (Propan-2-Ol)	200-661-7	67-63-0	70%	Flammable Liquid 2: H225 Eye Irritant 2: H319 STOT SE 2: H336 (inhalation)
Purified water	N/A	N/A	30%	N/A

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### 4. First Aid Measures

#### 4.1. Description of First Aid Measures:

Inhalation:	Irritating to respiratory system. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. If the liquid enters the lungs - consult a doctor immediately
Skin Contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Seek medical aid if irritation or discomfort persists
Eye Contact:	Promptly wash eyes with plenty of water while lifting the eyelids. Remove any contact lenses from the eyes. Continue to rinse for at least 15 minutes. Obtain medical attention if any discomfort continues
Ingestion:	Wash mouth out with water. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. If liquid has entered the lungs, consult a doctor immediately

#### 4.2. Most Important symptoms and effects, both acute and delayed:

Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Vapours may cause drowsiness and dizziness. May cause symptoms similar to those of ingestion
Skin Contact:	There may be irritation and redness at the site of contact. Prolonged or repeated exposure may cause de-fatting of the skin and/or dermatitis
Eye Contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat. May cause nausea, abdominal discomfort, vomiting, and gastrointestinal irritation; headache, dizziness, mental depression, narcosis, anaesthesia, coma. Ingestion of large amounts (10.0ml) may lead to death

#### 4.3. Indication of any immediate medical attention and special treatment needed:

No data available.

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### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media:

Suitable extinguishing media: Alcohol resistant foam; Carbon Dioxide; Dry chemical powder; Sand  
Only use water spray to cool containers

Unsuitable extinguishing media Water jet: burning product will float and spread

#### 5.2. Special Hazards arising from the substance or mixture

Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture

#### 5.3. Advice for Fire Fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6. Accidental Release Measures

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

Refer to section 8 of SDS for personal protection details.

#### 6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body. Contain the spillage using bunding.

#### 6.3. Methods and materials for containment and clean up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

#### 6.4. Reference to other sections

Section 8

### 7. Handling and Storage

#### 7.1. Precautions for safe handling

Do not handle in a confined space.

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

Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition.

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Must only be kept in original packaging.

### 7.3. Specific end uses

Use as a disinfectant agent on hard, non-porous surfaces.

## 8. Exposure Controls/Personal Protection

### 8.1. Control Parameters

Propan-2-ol (Isopropyl Alcohol) CAS No: 67-63-0

State	8 hour Time Weighted Average (TWA), ppm	15 min Short Term Exposure Level (STEL), ppm
UK	400	500
Ireland	200	400
Germany	200	400
Belgium, Spain, Switzerland	200	400
Austria	200	800

### 8.2. Exposure Controls

- Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition
- Respiratory protection: No specific recommendations made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure limit. Self-contained breathing apparatus must be available in case of emergency.
- Hand protection: Protective gloves. Wash hands after use.
- Eye protection: Safety glasses. Ensure eye bath is to hand.
- Skin protection: Protective clothing.

## 9. Physical and Chemical Properties

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

- State: Clear Liquid
- Odour: Alcoholic
- Solubility in water: Miscible (1.4)
- Viscosity: Non-viscous
- Boiling point: 82 °C
- Flash point: 11.7°C
- Relative Density: 0.872 – 0.883

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### 9.2. Other information

None

## 10. Stability and Reactivity

### 10.1. Reactivity:

No data available.

### 10.2. Chemical Stability:

Stable under normal conditions. Stable at room temperature.

### 10.3. Possibility of Hazardous reactions

No data available.

### 10.4. Conditions to avoid

Heat. Hot surfaces. Sources of ignition. F lames.

### 10.5. Incompatible materials

Strong acids. Aldehydes. Amines. Strong oxidising substances. Other halogenated organics.

### 10.6. Hazardous decomposition products

In combustion emits toxic fumes.

## 11. Toxicological Information

### 11.1. Information on toxicological effects

ORAL RAT LD<sub>50</sub> 5840 mg/kg

Irritation: Optical

## 12. Ecological Information

### 12.1. Toxicity

Species	Test	Value	Units
Fathead minnows	96H LC <sub>50</sub>	>10,000	mg/l

### 12.2. Persistence and degradability:

Biodegradable

### 12.3. Bio-accumulative potential:

No bio-accumulation potential

### 12.4. Mobility in soil:

Soluble in water

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### 12.5. Results of PBT and vPvB assessment:

This product is not identified as a PBT substance

### 12.6. Other adverse effects:

Negligible ecotoxicity

## 13. Disposal Considerations

### 13.1. Waste treatments methods:

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Dispose of waste and residues in accordance with local authority requirements.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. Transport Information

14.1. UN Number	UN1219
14.2. UN Proper shipping name	Isopropanol (Isopropyl Alcohol)
14.3. Transport Hazard class(es)	Transport class 3 (Flammable liquid)
14.4. Packing Group:	II
14.5. Environmental hazards	Environmentally hazardous: No
	Marine pollutant: No
14.6. Special Precautions for user:	601
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code:	IBC02 Packing Instructions: P001, R001
14.8. Label	A red diamond-shaped hazard label with a black border. Inside the diamond, there is a black flame icon at the top. Below the flame, the text "FLAMMABLE LIQUID" is written in black capital letters. At the bottom of the diamond, the number "3" is written in black.

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### 15. Regulatory Information

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

No regulations specific to this substance

#### 15.2. Chemical safety assessment:

No chemical safety assessment carried out for this substance/mixture by the supplier.  
The hazards are identified at Section 2.

### 16. Other Information

#### 16.1. Phrases used in section 2 and 3

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

#### 16.2. Abbreviations

EC: European Commission

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

CAS: Chemical Abstracts Service

GHS: Global Harmonised System

STOT SE: Specific Target Organ Toxicity - Single Exposure

STEL: Short-Term Exposure Limit

TWA: Time-Weighted Average

PBT: Persistent, Bioaccumulative and Toxic

LD50: (Median) Lethal Dose

vPvB: Very Persistent, Very Bioaccumulative

#### 16.3. Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.