

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: FastAid 70% Isopropyl Alcohol (IPA) Hand Disinfectant

1.2 Relevant identified uses of the substance or mixture and uses advised against

Uses: Hand disinfectant with moisturisers, containing 70% Isopropyl Alcohol v/v.
Suitable for alcohol tolerant surfaces.

Uses advised against: Not suitable for alcohol intolerant surfaces.

1.3 Details of the supplier of the safety data sheet

Company name: Kingfisher Direct Ltd
Unit 4, Amelia Court
Swanton Close
Retford
DN22 7HJ
United Kingdom

Tel: +44 (0) 1777 858009

Email: sales@kingfisherdirect.co.uk

1.4 Emergency telephone number: +44 (0) 1909 735000

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008

Hazard categories: Flammable liquid: Flam. Liq 2
Serious eye damage/eye irritation: Eye Irrit.2
Specific target organ toxicity - single exposure: STOT SE 3

Hazard statements: Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Harmful if swallowed.

2.2 Label elements

Regulation (EC) No 1272/2008

Hazard component for labelling: Isopropanol, phenoxyethanol

Signal word: Danger

Pictograms:



Hazard statements: H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness
H302: Harmful if swallowed

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313: If eye irritation persists: Get medical advice/attention.

Additional advice on labelling: None

2.3 Other hazards

The substances in this product do not contain PBT/vPvB substances according to REACH Annex VIII.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Hazardous components:

Chemical name: Isopropanol
Concentration: 70% v/v
CAS No: 67-63-0
EC No: 200-661-7
Reach No: 01-2119457558-25
Index No: 603-117-00-0

Classification according to Regulation (EC)
No.1272/2008 (CLP).

Flam. Liq 2 H225
Eye Irrit.2 H319
STOT SE 3 H336

Chemical name: Phenoxyethanol
Concentration: 1% v/v
CAS No: 122-99-6
EC No: 204-589-7
Reach No: -
Index No: 603-098-00-9

Classification according to Regulation (EC)
No.1272/2008 (CLP).

Acute Tox. 4 H302
Eye Irrit.2 H319

Refer to Section 16 for full text.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact: No adverse effects are expected.
Eye contact: Flush the eye thoroughly with water immediately. Consult a doctor if irritation persists.
Ingestion: Wash out mouth with water and drink plenty of water. Do not induce vomiting. Consult a doctor.
Inhalation: Sustained inhalation of many open products may cause dizziness. Move affected person to fresh air.

4.2 Most important symptoms and effects, both acute and delayed

Will cause immediate serious eye irritation and discomfort. The eyes will redden and will water profusely.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptoms immediately.
Seek medical attention if eye irritation persists.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water spray, carbon dioxide (CO₂), alcohol resistant foam, dry chemical.

Unsuitable extinguishing media: Water jet/solid water stream, non-alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

Vapours are heavier than air and spread along floor. Large spillages in a confined space can cause explosive mixture in air.

Combustion will release carbon dioxide, carbon monoxide and other toxic gases.

5.3 Advice for fire-fighters

Fire fighters should wear protective clothing and breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Single unit accidental release: Avoid contact with the eyes.

Bulk accidental release: Keep product away from sparks and heat sources – no smoking.
Avoid contact with skin, eyes and clothing.
Ensure adequate ventilation.
Wear breathing apparatus in the event of vapour formation

6.2 Environmental precautions

Do not discharge into drains or into water course.

6.3 Methods and material for containment and cleaning up

Ensure immediate area is well ventilated.

Absorb any free fluid, remove absorbent medium and damaged product to an outside location. Allow to evaporate naturally. When dry, waste material can be packed in closed containers for disposal.

6.4 Reference to other sections

Refer to sections 7, 8 and 13 of this MSDS.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat sources and sources of ignition.
 No smoking.
 Do not get fluid into eyes.
 Keep area well ventilated.
 Avoid contact with acids, oxidising agents, alkaline metals and earth alkaline metals.
 Avoid contact with alcohol sensitive materials.
 Avoid contact with foodstuffs
 Avoid repeated contact with skin
 Do not ingest fluid
 Do not deliberately inhale vapours

7.2 Conditions for safe storage, including any incompatibilities

Store indoors in a cool, well ventilated area.
 Store away from sources of heat and ignition
 Keep dry
 Do not store in direct sunlight
 Must only be kept in original packaging.

7.3 Specific end use(s)

Disinfection of hands and of alcohol resistant materials and articles where residue free, quick drying cleansing is required.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Hazardous ingredient:	Isopropanol - CAS No 67-63-0	
Exposure limits:	Long term exposure limit (8-hour TWA): WEL 400ppm, 999mg/m ³ Short term exposure limit (15 minute STEL): WEL 500ppm, 1250mg/m ³ WEL = Workplace Exposure Limit	
DNEL:	Industry – Dermal: Industry – Inhalation: Consumer – Dermal: Consumer – Inhalation: Consumer – Oral:	Long term systemic effects: 888mg/kg/day Long term systemic effects: 500 mg/kg/day Long term systemic effects: 319 mg/kg/day Long term systemic effects: 89 mg/kg/day Long term systemic effects: 26 mg/kg/day
PNEC:	Fresh water: Marine water: Intermittent release: STP: Sediment (fresh water): Sediment (marine water): Soil:	140.9 mg/l 140.9 mg/l 140.6 mg/l 2251 mg/l 552 mg/kg 552 mg/kg 28 mg/kg

8.2 Exposure controls

The following applies to handling closed product:

Engineering measures:	No specific control required
Respiratory protection:	No specific control required
Hand protection:	No specific control required
Eye protection:	No specific control required
Skin protection:	No specific control required

The following applies to handling open bottles of product:

Engineering measures:	No specific control required
Respiratory protection:	Do not inhale vapours. No respiratory equipment required
Hand protection:	No specific control required
Eye protection:	No specific control required. Avoid contact with eyes
Skin protection:	No specific control required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Clear, colourless liquid
Colour:	Colourless liquid
Odour:	Alcoholic
Relative evaporation rate:	Not applicable or not determined for this mixture
Melting point:	Not applicable or not determined for this mixture
Freezing point:	Not applicable or not determined for this mixture
Boiling point:	Not applicable or not determined for this mixture
Flash point:	18°C
Auto ignition temperature:	425°C
Decomposition temperature:	Not applicable or not determined for this mixture
Flammability (solid, gas):	Easily flammable
Vapour pressure:	Not applicable or not determined for this mixture
Relative vapour density at 20°C:	Not applicable or not determined for this mixture
Relative density:	Ca. 0.85
Water solubility at 20°C:	Miscible
Viscosity, kinematic:	Not applicable or not determined for this mixture
Viscosity, dynamic:	Not applicable or not determined for this mixture
Explosive properties:	Vapours are heavier than air and can have explosive properties
Oxidising properties:	Non oxidising
Explosive limits (vapour in air):	Lower explosive limit 2.0% by volume. Upper explosive limit 13% by volume

9.2 Other information

No other information available or applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No reactivity hazards in normal conditions of storage, transport and use.

10.2 Chemical stability

Stable under normal conditions of storage, transport and use.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Exposure to oxidising agents, acids, alkali metals and earth metals can result in a hazardous reaction. Large volumes of open product can release vapour which is explosive under certain conditions. Highly flammable liquid and vapour.

10.4 Conditions to avoid

Excessive heat for prolonged periods, sparks and naked flames.

10.5 Incompatible materials

Strong oxidising agents. Strong acids. Alkaline metals.

10.6 Hazardous decomposition products

Carbon dioxide and carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Hazardous ingredient- Isopropanol - (67-63-0)

Acute toxicity:	Based on available data, the classification criteria are not met	
	Oral; LD 50 greater than 5000 mg/kg – oral – rat	
	Dermal; LD50 greater than 5000 mg/kg – dermal – rabbit	
	Inhalation; LC 50 (6 hour) greater than 10,000 ppm – inhalation – rat	
Irritation and corrosivity:	Skin irritation/corrosivity – not classified. Not corrosive or an irritant	
	Serious eye damage/irritation – causes serious eye irritation	
Respiratory sensitisation:	Not classified	
Skin sensitisation:	Not classified	
Specific target organ toxicity-single exposure:	May cause drowsiness or dizziness	
Specific target organ toxicity-repeated exposure:	Not classified	
Germ cell mutagenicity:	Not classified	
Carcinogenicity:	No evidence that this substance can cause cancer	
Reproductive toxicity:	No information available	
Aspiration hazard:	Based on available data, this product is not classified	
Symptoms / routes of exposure:	Skin contact:	Prolonged contact may cause dryness of the skin
	Eye contact:	Causes serious eye irritation
	Ingestion:	Ingestion of large quantities can cause intestinal blockage
	Inhalation:	May cause respiratory system irritation. Vapours may cause drowsiness or dizziness

SECTION 12: ECOLOGICAL INFORMATION

Information is based on data for isopropanol

12.1 Toxicity

Not considered to be harmful to aquatic organisms or to cause long term environmental effects.

12.2 Persistence and degradability

Fluid is biodegradable to OECD criteria.

Packaging is not biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation potential – low.

12.4 Mobility in soil

Readily absorbed into soil (liquid component only).

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance (REACH Annex XIII).

12.6 Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Transfer to a suitable container and arrange for collection by specialised disposal company.

Observe local and national waste disposal regulations.

Spray bottles and their contents are non-hazardous once opened and the fluid allowed to evaporate in free air.

Warning: Disposal of full or partially full bottles (which contain isopropanol) can present a fire or explosion risk. Open bottles outdoors and allow fluid to evaporate before disposal or refer the waste to a specialist waste handling contractor.

SECTION 14: TRANSPORT INFORMATION

14.1 Land transport (ADR/RID)

UN number: UN1219
UN proper shipping name: Isopropanol
Transport hazard class: 3
Packaging group: II
Environmental hazards: No
Special precautions for user: This product, unopened and in original packaging is classified as Limited Quantity for the purpose of transport and does not require a UN number on the packaging. Limited Quantity for this product is 1L.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: IBC02

14.2 Inland waterway transport (ADN)

UN number: UN1219
UN proper shipping name: Isopropanol
Transport hazard class: 3
Packaging group: II
Environmental hazards: No
Special precautions for user: Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: IBC02

14.3 Marine transport (IMDG)

UN number: UN1219
UN proper shipping name: Isopropanol
Transport hazard class: 3
Packaging group: II
Environmental hazards: No
Special precautions for user: Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: IBC02

14.4 Air transport (ICAO/IATA)

UN number: UN1219
UN proper shipping name: Isopropanol
Transport hazard class: 3
Packaging group: II
Environmental hazards: No
Special precautions for user: Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: IBC02

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1272/2008 (CLP)
Regulation (EC) No 1907/2006 (REACH)

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the product as supplied but a chemical safety assessment has been carried out for Isopropanol.

SECTION 16: OTHER INFORMATION

Relevant H and EUH statements (number and full text)

H225: Highly flammable liquid and vapour
H319: Causes serious eye irritation
H302: Harmful if swallowed
H336: May cause drowsiness or dizziness

Legal disclaimer

The information provided in this data sheet is supplied in good faith and to the best of the company's knowledge is correct.
This data sheet will enable the user to conduct a full COSHH assessment.
This data describes the product with respect to safety attributes and is not a product specification.
No liability will be accepted for loss or damage arising from its use, except that prescribed by law.