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Revision Number - 1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Description: 70% IPA Alcohol Disinfection wet wipe in canister
Product codes: 101312
Trade Name: Medirite – IPA Hard Surface Wipe

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

Recommended use: Surface Sanitation and Hygiene Control
Uses advised against: No Information Available

1.3 Details of the supplier of the safety data sheet

Company: Wightman & Parrish Ltd, Station Road Industrial Estate, Hailsham, East Sussex, BN27 2QA.
Telephone: +44 (0) 1323 445 001
E-mail address: help@medirite.co.uk

1.4 Emergency telephone number

+44 (0) 1323 445 001 (not 24 hours)

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Contains flammable liquid Category 2 (H225)



Causes serious eye irritation Category 2 (H319)

May cause drowsiness or dizziness (H336)

2.2 Label elements

Signal word: DANGER

Hazard determining component of labelling: Propan-2-ol

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 heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P243 Take precautions against static discharge
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P370 + P378 - In case of fire: Use dry chemical, CO2, water spray or alcohol-resistant foam to extinguish
P403 + P235 - Store in a well-ventilated place. Keep cool
P102 - Keep out of reach of children
P501 - Dispose of contents/ container to an approved waste disposal plant

Other hazards: May be harmful if swallowed. Causes mild skin irritation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

– Not Applicable

3.2 Mixtures

Component	CAS-No	EINECS	Weight %	CLP Classification	REACH Reg No
Isopropyl alcohol	67-63-0	200-661-7	70	<ul style="list-style-type: none"> • Flam. Liq.2 (H225) • Eye. Irrit. 2 (H319) • STOT SE 3 (H336) 	01-2119457558-25

For the wording of the listed risk phrases refer to section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Show this safety data sheet to the doctor in attendance.

Inhalation: Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Skin Contact:	None under normal use conditions. If skin irritation occurs: Get medical advice/attention.
Ingestion:	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a doctor.
Self-protection of the first aider:	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

4.2 Most important symptoms and effects, both acute and delayed

May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Suitable extinguishing media

CO2 or Dry powder. Cool closed containers with water spray.

5.2 Special hazards arising from the substance or mixture

Specific hazards arising

from the chemical:

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.3 Advice for firefighters

Specific/special

fire-fighting measures:

Fires need to be assessed to determine appropriate protocols and safety measures for firefighting, including establishing safe zones, extinguishing media to be used, firefighter protection, and actions to control or extinguish the fire.

Special protective

equipment for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal protective equipment and emergency procedures

Personal precautions: Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information: Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

6.2 Environmental precautions

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3 Methods and material for containment and cleaning up

Methods for containment: Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up: Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

6.4 Reference to other sections

Refer to protective measures listed in Sections 7, 8 and 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Use personal protection equipment. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations:

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular National regulations. Store in accordance with local regulations.

7.3 Specific end use(s)

Surface Sanitation and Hygiene Control

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Chemical name	European Union	United Kingdom	France	Spain	Germany
Isopropyl alcohol 67-63-0	-	TWA: 400 ppm TWA: 999 mg/m ³ STEL: 500 ppm STEL: 1250 mg/m ³	STEL: 400 ppm STEL: 980 mg/m ³	TWA: 200 ppm TWA: 500 mg/m ³ STEL: 400 ppm STEL: 1000 mg/m ³	TWA: 200 ppm TWA: 500 mg/m ³
Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
Isopropyl alcohol 67-63-0	-	TWA: 200 ppm STEL: 400 ppm	-	TWA: 200 ppm TWA: 500 mg/m ³ STEL: 250 ppm STEL: 620 mg/m ³	TWA: 200 ppm TWA: 490 mg/m ³
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Isopropyl alcohol 67-63-0	TWA: 200 ppm TWA: 500 mg/m ³ STEL 800 ppm STEL 2000 mg/m ³	TWA: 200 ppm TWA: 500 mg/m ³ STEL: 400 ppm STEL: 1000 mg/m ³	STEL: 1200 mg/m ³ TWA: 900 mg/m ³	TWA: 100 ppm TWA: 245 mg/m ³ STEL: 125 ppm STEL: 306.25 mg/m ³	TWA: 200 ppm STEL: 400 ppm Sk*

Biological occupational exposure limits

Chemical name	European Union	United Kingdom	France	Spain	Germany
Isopropyl alcohol 67-63-0	-	-	-	40 mg/L - urine (Acetone) - end of workweek	25 mg/L - whole blood (Acetone) - end of shift 25 mg/L - urine (Acetone) - end of shift
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Isopropyl alcohol 67-63-0	-	25 mg/L - urine (Acetone) - end of shift 25 mg/L - whole blood (Acetone) - end of shift	-	-	40mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background; non- specific)

8.2 Exposure controls

Engineering controls:

Showers
Eyewash stations
Ventilation systems.

Personal protective equipment

Eye/face protection:

Tight sealing safety goggles.

Hand protection:

Wear suitable gloves.

Skin and body protection:

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection:

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations:

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.
Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

Environmental exposure controls: No information available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid or Cloth impregnated with liquid
Colour:	Colourless
Odour:	Alcohol-like
Odour threshold:	Not determined
pH Value:	Not determined
Melting point/Range:	Not determined
Boiling Point:	82.5 °C
Flash point(liquid):	19°C
Autoignition temperature:	425°C
Self-igniting:	Not self-igniting
Danger of explosion:	Not explosive. May form explosive mixture with air in enclosed spaces if not ventilated
Oxidising Properties:	No information available

9.2 Other information

No further relevant information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: None Known

10.2 Chemical stability: Stable under normal conditions

10.3 Possibility of hazardous reactions:

Hazardous Reactions, None under normal processing

10.4 Conditions to avoid: Heat, flames and sparks. Keep away from open flames, hot surfaces and sources of ignition

10.5 Incompatible materials Strong oxidising agents, Acids, Halogens, Acid anhydrides.

10.6 Hazardous decomposition

Products: Carbon monoxide if incomplete combustion

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Inhalation: Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

Eye contact: Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

Skin contact: Specific test data for the substance or mixture is not available. Causes mild skin irritation. Prolonged contact may cause redness and irritation.

Ingestion: Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms: May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.

Numerical measures of toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl alcohol	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation: May cause skin irritation.

Serious eye damage/eye irritation: Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitisation: No information available.

Germ cell mutagenicity: No information available.

Carcinogenicity: No information available.

Reproductive toxicity: No information available.

STOT - single exposure: May cause drowsiness or dizziness.

STOT - repeated exposure: No information available.

Aspiration hazard: No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity No further relevant information available. Good practice - Do not empty into drains

12.2 Persistence and

degradability

No further relevant information available

12.3 Bioaccumulative

Potential:

Bioaccumulation

12.4 Mobility in soil

No further relevant information available

12.5 Results of PBT and

vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Other adverse effects

No further relevant information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products:

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging:

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

Waste codes / waste designations according to EWC / AVV:

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

Exempted from ADR under the LQ (limited quantities) group where small quantities are carried in individual units within sealed boxes which provide an acceptable level of safety

14.1 UN-Number:

3175 (Solids containing flammable liquid, n.o.s)

14.2 Shipping Name:

Isopropyl alcohol solution

14.3 Hazard Class for

Transportation:

Class 4.1

14.4 Packaging Group:

II

14.5 Environmental Hazard:

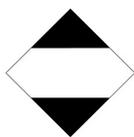
Refer to section 12

14.6 Special precautions:

Keep in original packaging. See also section 7

14.7 Bulk Transport:

When carrying more than 8 tonnes of LQ packages there are requirements to mark certain transport units.



SECTION 15: Regulatory information

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

15.1.1 EU regulations: Directive 2012/18/EU None of the ingredients is listed as a Named Dangerous Substance

15.1.2 National regulations: Follow local regulations

15.2 Chemical safety

Assessment: Not carried out

SECTION 16: Other information

Relevant phrases

H225: Highly flammable liquid and vapour

H271 - May cause fire or explosion; strong oxidiser

H314 - Causes severe skin burns and eye damage

H319: Causes serious eye irritation

H332 - Harmful if inhaled

H336: May cause drowsiness or dizziness

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P243 Take precautions against static discharge

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Additional information

The information contained in this publication is believed to be accurate based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The information in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. Wightman & Parrish Ltd accepts no liability for loss or damage resulting from reliance on this information.