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Revision Date: 10/01/2022
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MATERIAL SAFETY DATA SHEET

For

Isopropanol 99

This Safety Data Sheet covers products

Product Name	Item Numbers
Isopropanol 99	all ranges
Isopropanol 99 Wipes	all ranges
IPA 99.7% - 4 x 5L per case	1216
IPA 99.7% - 15 x 1L per case	1217
Isopropanol 99 – 20kg	47602
Isopropanol 99 Wipes – each pail	47680

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: Isopropanol 99
- Product Part Number: Numerous

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

- Use of the substance/mixture: Cleaning agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Agma Ltd
- Address of Supplier: Gemini Works
Haltwhistle
Northumberland
NE49 9HA
UK
- Telephone: Tel: +44(0) 1434 320598
- Responsible Person: Malcolm Franklin
- Email: Sds@agma.co.uk
- Fax: Fax: +44(0) 1434 321650

1.4 Emergency telephone number

- Emergency Telephone: Tel: +44(0) 1434 320598
Monday - Thursday : 8:30 - 17:00 (GMT)
Friday: 8:30 - 14:30(GMT)
(office hours only)
Out-of-hours Contact: Alan Barnes
Tel:+44 (0)7936 966108

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

- CLP: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3

2.2 Label elements

- Signal Word: Danger
- Hazard statements
H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
- Precautionary statements
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water [or shower].

SECTION 2: Hazards identification (....)

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.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 - Use only outdoors or in a well-ventilated area.

2.3 Other hazards

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

- propan-2-ol; isopropyl alcohol; isopropanol
 - CAS Number: 67-63-0
 - EC Number: 200-661-7
 - Concentration: >90%
 - Specific Concentration Limits: None assigned
 - M factor: Not available
 - Acute toxicity estimate: Not available
 - Categories: Eye Irrit. 2; STOT SE 3; Flam. Liq. 2
 - H Statements: H225,H336,H319
-

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Contact with eyes
 - 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.
- Contact with skin
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 - Seek medical attention if irritation persists
- Ingestion
 - Give plenty of water to drink
 - P331 - Do NOT induce vomiting.
 - P314 - Get medical advice/attention if you feel unwell.
- Inhalation
 - P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - P314 - Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- Causes redness and irritation
 - May cause redness and irritation
 - May cause severe irritation
 - May cause nausea/vomiting
-

SECTION 4: First aid measures (....)

- May cause dizziness, confusion, headache or stupor

4.3 Indication of any immediate medical attention and special treatment needed

- Eyewash bottles should be available
 - P314 - Get medical advice/attention if you feel unwell.
-

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- Flammable

5.3 Advice for firefighters

- Wear Breathing Apparatus
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
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SECTION 6: Accidental release measures

Spillage causes slippery surface

Vapours may ignite

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Shut off all ignition sources
- Shut off source of leak if safe to do so
- Ensure adequate ventilation

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- P242 - Use non-sparking tools.
- Absorb spillage in inert material and shovel up
- Dispose of contents to a hazardous or special waste collection point

6.4 Reference to other sections

- See Section 13
-

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Ensure adequate ventilation
- Avoid contact with skin and eyes
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

7.2 Conditions for safe storage, including any incompatibilities

SECTION 7: Handling and storage (....)

- P403+P235 - Store in a well-ventilated place. Keep cool.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed, in a cool, well ventilated place

7.3 Specific end use(s)

- See Section 1.2
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

- Hazardous Material: Propan-2-ol; isopropyl alcohol; isopropanol
- TLV (TWA): 400 ppm, 999 mg/m³
- TLV (STEL): 500 ppm 1250 mg/m³

8.2 Exposure controls

- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - Ensure adequate ventilation
 - Eyewash bottles should be available
-

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: Liquid
- Colour: Colourless
- Odour: Alcohol odour
- Melting point/Range: -89 C
- Boiling Point/Range: 82 - 83 deg C
- Flammability: Not available
- Flashpoint: 12°C
- pH: Not applicable
- Solubility in water: Completely soluble in water
- Density: 0.780 - 0.790 g/cm³ at 20 °C
- Viscosity: Non-viscous

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity**10.1 Reactivity**

- This article is considered stable under normal conditions

10.2 Chemical stability

SECTION 10: Stability and reactivity (....)

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

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

10.5 Incompatible materials

- Strong oxidising agent
- Avoid contact with acid

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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SECTION 11: Toxicological information

See Section

See Section

See Section

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- Acute toxicity
Hazardous Material: Propan-2-ol; isopropyl alcohol; isopropanol
LD₅₀ (oral, rat): >2000 mg/kg
LD₅₀ (dermal, rabbit): >2000 mg/kg
- Skin corrosion/irritation
See Section 4.1.2
- Serious eye damage/irritation
See Section 4.1.1
- Respiratory or skin sensitisation
See Section 4.1
- Germ cell mutagenicity
No evidence of mutagenic effects
- Carcinogenicity
No information available
- Reproductive toxicity
No information available
- STOT (specific target organ toxicity) - single exposure
No information available
- STOT (specific target organ toxicity) - repeated exposure
No information available
- Aspiration hazard
See Section 4.1.4

SECTION 11: Toxicological information (....)**11.2 Information on other hazards**

- No information available
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SECTION 12: Ecological information**12.1 Toxicity**

- Hazardous Material: Propan-2-ol; isopropyl alcohol; isopropanol
- LC₅₀ (golden orfe (*Leuciscus idus*)): >100 mg/l (48 hr)
- EC₅₀ (*Daphnia magna*): >100 mg/l (48 hr)
- EC50 (algae) >100 mg/l (48 hr)

12.2 Persistence and degradability

- Readily biodegradable

12.3 Bioaccumulative potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- Miscible with water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

- No information available
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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- Dispose of this material and its container at hazardous or special waste collection point
 - Disposal should be in accordance with local, state or national legislation
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SECTION 14: Transport information**14.1 UN number or ID number**

- UN No.: 1219

14.2 UN proper shipping name

- Proper Shipping Name: ISOPROPANOL (ISOPROPYL ALCOHOL)

14.3 Transport hazard class(es)

- Hazard Class: 3
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SECTION 14: Transport information (....)

- ADR Hazard Class: 3
- ADR Classification Code: F1
- IMDG Hazard Class: 3

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- On available data, substance is not harmful to the environment

14.6 Special precautions for user

- Limited Quantity: 1L
- IMDG EmS: F-E , S-D
- Tunnel Code: D/E

14.7 Maritime transport in bulk according to IMO instruments

- No information available
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SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830
- and CLP (Regulation 1272/2008)

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.

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.

--- end of safety datasheet ---
