
SAFETY DATA SHEET

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

- Product Name: MysoGel Specialist
- Product Part Number: 0048

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

- Use of the substance/mixture: Alcohol Hand Sanitiser

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

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)

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

- CLP: Flam. Liq. 2, Eye Irrit. 2

2.2 Label elements

- Signal Word: Danger
- Hazard statements
H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.
- Precautionary statements
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.
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.

SECTION 2: Hazards identification (....)**2.3 Other hazards**

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

- ethanol; ethyl alcohol
CAS Number: 64-17-5
EC Number: 200-578-6
Concentration: 50 - 70%
Categories: Flam. Liq. 2, Eye Irrit. 2
H Statements: H225, H319
Symbols: GHS02
 - propan-2-ol; isopropyl alcohol; isopropanol
CAS Number: 67-63-0
EC Number: 200-661-7
Concentration: 5 - 15%
Categories: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3
H Statements: H225;H336;H319
Symbols: GHS02;GHS07
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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
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- Ingestion
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
If you feel unwell, seek medical advice (show the label where possible)
- Inhalation
Mildly irritating to respiratory system
P314 - Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes

4.3 Indication of any immediate medical attention and special treatment needed

- Eyewash bottles should be available
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

SECTION 5: Firefighting measures (....)

- P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide or dry agent to extinguish.

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
 - Wear suitable protective clothing
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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 eye/face protection
- Shut off all ignition sources

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- P242 - Use non-sparking tools.
- Place in sealable container

6.4 Reference to other sections

- See Section 13
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Wear eye/face protection
- Avoid contact with eyes
- Keep away from heat and sources of ignition

7.2 Conditions for safe storage, including any incompatibilities

- 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.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Components	CAS-No.	Value	Control parametersl	Basis
ETHANOL	64-17-5	TWA	1,000 ppm 1,920 mg/m3	EH40 WEL
PROPAN-2-OL	67-63-0	TWA	400 ppm 999 mg/m3	EH40 WEL

SECTION 8: Exposure controls/personal protection (....)

STEL	500 ppm	EH40 WEL
	1,250 mg/m ³	

DNEL

ethanol; ethyl alcohol

End Use: Workers Exposure routes: Inhalation. Potential health effects: Acute effects, Local effects. Value: 1900 mg/m³

End Use: Workers. Exposure routes: Skin contact. Potential health effects: Chronic effects. Value: 343 mg/kg

End Use: Workers. Exposure routes: Inhalation. Potential health effects: Chronic effects. Value: 950 mg/m³End Use: Consumers. Exposure routes: Inhalation. Potential health effects: Acute effects, Local effects. Value: 950 mg/m³

End Use: Consumers. Exposure routes: Skin contact. Potential health effects: Chronic effects. Value: 206 mg/kg

End Use: Consumers. Exposure routes: Inhalation. Potential health effects: Chronic effects. Value: 114 mg/m³

End Use: Consumers. Exposure routes: Ingestion. Potential health effects: Chronic effects. Value: 87 mg/kg

propan-2-ol; isopropyl alcohol; isopropanol

End Use: Workers Exposure routes: Inhalation. Potential health effects: Chronic effects Value: 500 mg/m³

End Use: Workers Exposure routes: Skin contact. Potential health effects: Chronic effects Exposure time: 1 d Value: 888 mg/kg

End Use: Consumers Exposure routes: Inhalation. Potential health effects: Chronic effects Value: 89 mg/m³

End Use: Consumers Exposure routes: Skin contact. Potential health effects: Chronic effects Exposure time: 1 d Value: 319 mg/kg

End Use: Consumers Exposure routes: Ingestion. Potential health effects: Chronic effects Exposure time: 1 d Value: 26 mg/kg

8.2 Exposure controls

- Wear eye/face protection
- Use only in well ventilated areas

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

- Appearance: Clear, colourless, Liquid
- Odour: Ethanol odour
- Flashpoint: 12 Deg C

9.2 Other information

- None

SECTION 10: Stability and reactivity**10.1 Reactivity**

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

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- May form explosive vapour/air mixtures

10.4 Conditions to avoid

- Keep away from naked flames, incandescent or hot surfaces

10.5 Incompatible materials

- Strong oxidising agent

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Component: ethanol; ethyl alcohol:

Acute Oral Toxicity: LD50: > 2,000 mg/kg, rat, OECD Test Guideline 401, GLP: no, (literature value)

Acute Inhalation Toxicity: LC50: > 20 mg/l, 4 h, mouse, (literature value)

Acute Dermal Toxicity: LD50: > 2,000 mg/kg, rabbit, OECD Test Guideline 402, GLP: no, (literature value)

Skin corrosion/irritation rabbit, Result: not irritating, OECD Test Guideline 404, GLP: yes, (literature value)

Serious eye damage/irritation rabbit, Result: irritating, OECD Test Guideline 405, (literature value)

Respiratory or skin sensitisation Maximisation Test, guinea pig, Result: not sensitizing, OECD Test Guideline 406, GLP: yes, (literature value)

STOT – Repeated exposure rat, Oral, Exposure time: 90-day, NOAEL: 1,730 mg/kg, LOAEL: 3,160 mg/kg

Components: propan-2-ol; isopropyl alcohol; isopropanol:

Acute oral toxicity: LD50: > 2,000 mg/kg, rat, GLP: no, (literature value)

Acute dermal toxicity: LD50: > 2,000 mg/kg rabbit, GLP: no, (literature value)

Skin corrosion/irritation: rabbit, Result: not irritating, GLP: no, (literature value)

Serious eye damage/eye irritation: rabbit, Result: irritating, GLP: no, (literature value)

Respiratory or skin: Buehler Test, guinea pig, Result: not sensitising, GLP: no, (literature value)

Germ cell mutagenicity:

Genotoxicity in vitro: Ames test, Salmonella typhimurium, with and without, Result: not mutagenic, GLP: no, (literature value)

SECTION 12: Ecological information**12.1 Toxicity**

- ethanol; ethyl alcohol
-

SECTION 12: Ecological information (....)

IC50 (algae): > 100 mg/l
EC50 (daphnia): > 100 mg/l (24 hr)
LC50 (fish): 100 mg/l (48 hr)

- propan-2-ol; isopropyl alcohol; isopropanol
IC50 (algae): >100 mg/l (72 hr)
EC50 (daphnia): >100 mg/l (48 hr)
LC50 (fish): >100 mg/l (96 hr)

12.2 Persistence and degradability

- 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 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**

- UN No.: 1987

14.2 Proper Shipping Name

- Proper Shipping Name: ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: III

14.5 Road/Rail (ADR/RID)

- Proper Shipping Name: ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)
 - ADR Hazard Class: 3
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SECTION 14: Transport information (....)

- Tunnel Code: D/E

14.6 Environmental hazards

- Not applicable

14.7 Special precautions for user

- Contains: Ethanol, Propan-2-ol

14.8 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
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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

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 ---
