


1. IDENTIFICATION

Product Identifier	Aqium Gel ethanol 70% w/w (AUST R 179333)	
Other Means of Identification	ETHANOL SOLUTION	
Recommended Uses and Restrictions on Use	Hand sanitiser. Do not use on inflamed, broken or sensitive skin	
Supplier Details	Ego Pharmaceuticals Pty Ltd 21-31 Malcolm Road Braeside 3195 Victoria, Australia	
Emergency Phone Number	Ego Pharmaceuticals Pty Ltd	03 9586 8800
	Poisons Information Centre	131 126

2. HAZARDS IDENTIFICATION

Classification of the chemical	Flammable liquids - Category 2 Eye irritation - Category 2A	
Label Elements, including precautionary statements		
Pictogram		
Signal Word	DANGER	
Hazard Statement(s)	H319 Causes serious eye irritation H225 Highly flammable liquid and vapour	
Precautionary Statement(s) - Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking P233 Keep container tightly closed	
Precautionary Statement(s) - Response	P305 + P351 + P338 + P337 + P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: seek medical attention. P370 + P378 In case of fire: Use powder, foam or carbon dioxide extinguishers for	
Precautionary Statement(s) - Storage	extinction P403 + P235 Store in a well-ventilated place. Keep cool.	
Precautionary Statement(s) - Disposal	P501 Dispose of contents/container in accordance with the local waste authority requirements	
Other cautions & hazards that do not result in classification	For external use only Do not swallow Avoid eyes Keep out of reach of children If irritation occurs, wash affected area and discontinue use Do not use on inflamed, broken or sensitive skin Store below 30°C	

3. INFORMATION ON INGREDIENTS

Ingredient name (AAN)	CAS Number
Ethanol	64-17-5

4. FIRST AID MEASURES

Symptoms and First Aid Measures

Inhalation	Not applicable with normal use. If fumes or combustion products are inhaled, remove patient from contaminated area and seek medical advice
Skin Contact	This product is intended to be in contact with human skin. If irritation occurs, wash affected area and discontinue use
Eye Contact	May cause irritation. Rinse with clean water and seek medical advice. Avoid assembling dispensers at eye level
Ingestion	This product contains an equivalent of 70%w/w ethanol. Give plenty of fluids. Seek medical advice

Medical Attention and Special Treatment

Seek medical advice. Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Powder, foam or carbon dioxide extinguishers are suitable
Physicochemical Hazards	No significant fire hazard under normal circumstances. Contains ethanol. May be dangerous when exposed to heat. See Section 9 Physical and Chemical Properties
Special Protective Equipment and Precautions for Fire Fighters	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	All personnel involved in the containment and disposal procedure should wear eye protection. In an event where there are high vapour concentrations, wear an approved organic vapour respirator. No smoking
Environmental Precautions	Ventilate the area well and ensure the atmosphere is safe before personnel return to the work area. Please see below 'Methods and Materials for Containment and Clean Up'. If contamination of sewers or waterways has occurred, advise local emergency services
Methods and Materials for Containment and Cleaning Up	In the event of a spill, eliminate all sources of ignition and take measures to prevent static discharge. No smoking. Stop and contain the spill by using an inert absorbent material (e.g. soil, sand). Dispose of the material by an approved method. Prevent run-off into drains and waterways. Use water spray to disperse vapour. Ensure that the surface (floor) is cleaned thoroughly with water and detergent as any product residue may leave the floor slippery. Ensure that the area is thoroughly ventilated

7. HANDLING AND STORAGE

Precautions for Safe Handling	No special requirements
Conditions for Safe Storage and Incompatibilities	This product is intended for human use. Store away from dangerous chemicals, naked flames, ignition sources or heat. Store below 30°C (for product integrity). Store in original containers. Keep out of reach of children. Must comply with any regulations for the transport of flammable goods

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure Standards	No special requirements
Biological Monitoring	No special requirements
Engineering Controls	Store below 30°C and away from sources of ignition, sparks, static charge and flames
Personal Protective Equipment	No special requirements

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Soft, clear and colourless gel. May be aerated
Odour	Characteristic of a fresh fragrance and alcohol
Odour Threshold	No data available
pH	Balanced
Melting Point / Freezing Point (°C)	No data available
Boiling Point / Boiling Range (°C)	No data available
Flash Point (°C)	19.5 (AS 2106 Part 2 - closed cup)
Evaporation Rate	No data available
Flammability	Flammable
Upper/Lower Flammability or Explosive Limits	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Relative Density (g/ml)	Approximately 0.88
Solubility	Water soluble
Partition Coefficient (n-octanol/water)	No data available
Auto-ignition Temperature (°C)	No data available
Decomposition Temperature (°C)	No data available
Kinematic Viscosity (cSt)	No data available

10. STABILITY AND REACTIVITY

Reactivity and Chemical Stability	Stable under the recommended storage conditions
Possibility of Hazardous Reactions	This product is highly flammable
Conditions to Avoid	Dangerous chemicals, naked flames, ignition sources or heat in storage
Incompatible Materials	Strong oxidisers
Hazardous Decomposition Products	Burning can product carbon monoxide and/or carbon dioxide gas

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	No data available
Skin Corrosion / Irritation / Sensitisation	Non-irritant and non-sensitiser
Serious Eye Damage / Irritation	May cause eye irritation. Seek medical advice
Respiratory Sensitisation	No data available. Seek medical advice
Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
Specific Target Organ Systemic Toxicity (STOST) - Single Exposure	No data available
Specific Target Organ Systemic Toxicity (STOST) - Repeated Exposure	No data available

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Aspiration Hazard	No data available
Routes of Exposure	
Swallowed	Accidental swallowing can cause drunkenness or central nervous system effects, including excitation, euphoria, headache, dizziness, blurred vision and fatigue
Inhalation	May cause intoxication with symptoms as described above
Skin Contact	This product is intended for use on human skin. If irritation occurs, wash affected area and discontinue use
Eye Contact	May cause irritation. Rinse cautiously with clean water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists seek medical attention
Early Onset Symptoms Related to Exposure	May cause intoxication with symptoms as described above
Delayed Health Effects from Exposure	No data available
Exposure Levels	No data available
Interactive Levels	No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Other Adverse Effects	No data available

13. DISPOSAL CONSIDERATIONS

Disposal Methods	Disposal must be conducted in accordance with the local waste authority requirements. The product must be contained and not disposed of into sewerage systems, drains or waterways. Advise on flammable nature.
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14. TRANSPORT INFORMATION

UN Number	1170
Proper Shipping / Technical Name	ETHANOL SOLUTION
Transport Hazard Class(es)	Class 3 Flammable Liquid
Packing Group	II
Environmental Hazards for Transport Purposes	No data available
Special Precautions for User	Store in a well-ventilated place. Keep cool. Take precautions as outlined in Section 2
Additional Information	Shipment is considered dangerous as per IATA regulation
Hazchem / Emergency Action Code	2[Y]

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations	Aqium Gel ethanol 70% w/w (AUST R 179333) has been approved for topical use by the TGA as an unscheduled medicine
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16. OTHER INFORMATION

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LEGEND OF ABBREVIATIONS AND ACRONYMS USED

AAN	Australian Approved Name
CAS	Chemical Abstracts Service
%w/w	Percentage weight by weight
<	Less than
>	Greater than
°C	Degrees Celcius
g/ml	Grams per milliletre
UN	United Nations
NA	Not Applicable

-- END OF SDS --