

# SAFETY DATA SHEET

Version 08  
Date issued 17-May-19  
20695/2

## 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<br>21-31 Malcolm Road<br>Braeside 3195<br>Victoria, Australia |              |
| Emergency Phone Number                   | <b>Ego Pharmaceuticals Pty Ltd</b>                                                        | 03 9586 8800 |
|                                          | <b>Poisons Information Centre</b>                                                         | 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

P280 Wear eye protection  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P233 Keep container tightly closed  
P243 Take precautionary measures against static discharge

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 extinction

Precautionary Statement(s) - Storage

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    |

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## 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 |

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|                                      |                                                                                      |
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| <b>Engineering Controls</b>          | Store below 30°C and away from sources of ignition, sparks, static charge and flames |
| <b>Personal Protective Equipment</b> | No special requirements                                                              |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

|                                                    |                                               |
|----------------------------------------------------|-----------------------------------------------|
| <b>Acute Toxicity</b>                              | No data available                             |
| <b>Skin Corrosion / Irritation / Sensitisation</b> | Non-irritant and non-sensitiser               |
| <b>Serious Eye Damage / Irritation</b>             | May cause eye irritation. Seek medical advice |
| <b>Respiratory Sensitisation</b>                   | No data available. Seek medical advice        |
| <b>Germ Cell Mutagenicity</b>                      | No data available                             |
| <b>Carcinogenicity</b>                             | No data available                             |

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|                                                                            |                                                                                                                                                                                                    |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reproductive Toxicity</b>                                               | No data available                                                                                                                                                                                  |
| <b>Specific Target Organ Systemic Toxicity (STOST) - Single Exposure</b>   | No data available                                                                                                                                                                                  |
| <b>Specific Target Organ Systemic Toxicity (STOST) - Repeated Exposure</b> | No data available                                                                                                                                                                                  |
| <b>Aspiration Hazard</b>                                                   | No data available                                                                                                                                                                                  |
| <b>Routes of Exposure</b>                                                  |                                                                                                                                                                                                    |
| <b>Swallowed</b>                                                           | Accidental swallowing can cause drunkenness or central nervous system effects, including excitation, euphoria, headache, dizziness, blurred vision and fatigue                                     |
| <b>Inhalation</b>                                                          | May cause intoxication with symptoms as described above                                                                                                                                            |
| <b>Skin Contact</b>                                                        | This product is intended for use on human skin. If irritation occurs, wash affected area and discontinue use                                                                                       |
| <b>Eye Contact</b>                                                         | 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 |
| <b>Early Onset Symptoms Related to Exposure</b>                            | May cause intoxication with symptoms as described above                                                                                                                                            |
| <b>Delayed Health Effects from Exposure</b>                                | No data available                                                                                                                                                                                  |
| <b>Exposure Levels</b>                                                     | No data available                                                                                                                                                                                  |
| <b>Interactive Levels</b>                                                  | No data available                                                                                                                                                                                  |

## 12. ECOLOGICAL INFORMATION

|                                      |                   |
|--------------------------------------|-------------------|
| <b>Ecotoxicity</b>                   | No data available |
| <b>Persistence and Degradability</b> | No data available |
| <b>Bioaccumulative Potential</b>     | No data available |
| <b>Other Adverse Effects</b>         | No data available |

## 13. DISPOSAL CONSIDERATIONS

|                         |                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal Methods</b> | 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. |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 14. TRANSPORT INFORMATION

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

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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

## 16. OTHER INFORMATION

|               |             |                        |    |
|---------------|-------------|------------------------|----|
| Date of Issue | 17 May 2019 | SDS Version No.        | 08 |
|               |             | Superseded Version No. | 07 |

## 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 millilitre        |
| UN   | United Nations              |
| NA   | Not Applicable              |

-- END OF SDS --