1. IDENTIFICATION

Product Identifier Allied Chemicals Hand Sanitizer Gel (ethanol 70%)
Other Means of Identification ETHANOL SOLUTION

Recommended Uses and Restrictions on Use Hand sanitiser. Do not use on inflamed, broken or sensitive skin.
Suppliers Details: Allied chemicals Pty Ltd Pty Ltd
Factory 9/17 Lydia Court
Epping
Victoria, 3076 Australia Phone :1300 349 651

Emergency Phone Number
Australian Poisons Information Centre 13 11 26

2. HAZARDS IDENTIFICATION

Classification of the chemical
Flammable liquids - Category 1
Eye irritation - category 2A



GHS Label Elements, including precautionary statements
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
Other hazards that do not result in classification
Keep out of reach of children
Signal Word DANGER
Hazard Statement(s)
H319 Causes serious eye irritation
H224 Extremely 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.

3. INFORMATION ON INGREDIENTS

AAN CAS Number
Ethanol* 64-17-5
*Equivalent to 70% w/w ethanol.

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. 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 area well and ensure the atmosphere is safe before personnel return to thework 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 (eg soil, sand). Dispose of the material by an approved method. Prevent runoff into drains and waterways. Use water spray to disperse vapour. Ensure that the surface (floor) is cleaned thoroughly with water 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 lights, ignition sources or heat. Store below 30°C. Store in original containers.
Keep out of reach of children. Must comply with any regulations applicable to 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 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: No data available.
Partition Coefficient (n-octanol/water): No data available.
Auto-ignition Temperature (°C): No data available.
Decomposition Temperature (°C): 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 lights, ignition sources or heat in storage.
Incompatible Materials Strong oxidisers.
Hazardous Decomposition Products Burning can produce 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.
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.
Aspiration Hazard No data available.
Routes of Exposure
Swallowed Accidental swallowing can cause drunkenness or central nervous system effects, including excitation, euphoria, headache, dizziness, drowsiness, 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, was 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 No data available. Delayed Health Effects from Exposure No data available.
Exposure Levels No data available.
Interactive Effects No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity No data available.
Persistence and Degradability No data available.
Bio accumulative Potential No data available.
Mobility in Soil 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 into sewerage systems, drains or waterways. Advise on flammable nature.

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
All ingredients used in this product are listed on AICS.

16. OTHER INFORMATION

Date of issue: 5-01-2023 SDS Version Number: 01
Superseded Version Number: 0
Legend of Abbreviations and Acronyms Used:
Abbreviation / Acronym Definition
AAN Australian Approved Name
CAS Chemical Abstract Service
%w/w Percentage weight by weight
< Less than
> Greater than
°C degree Celsius
g/ml grams per millilitre
UN United Nations
N/A Not applicable.

-- END OF SDS