

Safety Data Sheet

Infosafe No™ 5API1 Issue Date : May 2016 Status : ISSUED

Product Name **RAPID SANITISING GEL**

Classified as hazardous

1. Identification

GHS Product Identifier RAPID SANITISING GEL
Product Code JISHS1P
Company Name ITW AAMTech (ABN 63 004 235 063)
Address 1-9 NINA LINK DANDENONG SOUTH
VIC 3175 AUSTRALIA
Telephone/Fax Number Tel: 1800 177 989
Fax: +61 2 9725 4698
Emergency phone number 1800 638 556
E-mail Address info@aamtech.com.au
Recommended use of the chemical and restrictions on use Sanitising hand gel. For external use only.
Other Information Website: www.aamtech.com.au
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Email: info@aamtech.com.au
*

2. Hazard Identification

GHS classification of the substance/mixture Hazardous according to the criteria of the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals
Flammable Liquid Category 3,
Eye Irritation Category 2A
Signal Word (s) WARNING
Hazard Statement (s) Flammable liquid and vapour.
Causes serious eye irritation.
Pictogram (s) Exclamation mark, Flame



Precautionary statement – Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Store in a cool, well-ventilated place.
Precautionary statement – Response IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Ethyl alcohol (ethanol)	64-17-5	>50 %
	Water and other ingredients not considered hazardous	n/a	Balance

4. First-aid measures

Inhalation Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation.
Ingestion If swallowed, DO NOT induce vomiting. Give a glass of water to drink. Seek medical attention if symptoms persist.
Skin This product is formulated for use on the hands. However always remove contaminated clothing and wash exposed skin with plenty of soap and water.
Eye contact Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Remove contact lenses if worn. Seek

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First Aid Facilities medical attention if symptoms persist.
Normal washroom facilities

5. Fire-fighting measures

Suitable extinguishing media Alcohol stable foam or water in flooding quantities as fog. Dry chemical powder or carbon dioxide for small fires only. Water spray may be used to keep fire exposed containers cool. Do not use water in a jet.

Hazards from Combustion Products Combustion products include oxides of carbon and unidentified organic compounds.

Specific hazards arising from the chemical Flammable gel. Sealed containers may rupture when heated. May form flammable vapour mixtures with air. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Hazchem Code 2[Y]

6. Accidental release measures

Spills & Disposal Personnel involved in cleaning up any spills are to wear the appropriate protective equipment (refer to Personal Protective Equipment). Remove all sources of heat or ignition in the surrounding area. Take precautionary measures against static discharge. Do not smoke during the clean-up procedure. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth (but not sawdust), and then transfer to correctly labelled, sealed plastic containers for disposal.

7. Handling and storage

Handling and Storage Wear personal protective equipment if splashing or prolonged contact is likely to occur. Keep away from heat and sources of ignition. Ground all equipment containing material. Do not breathe vapour. Use safe workplace practices. Do not eat, drink or smoke while using.

Conditions for safe storage, including any incompatibilities Store in accordance with AS1940 in sealed containers in a clean, dry, cool, well ventilated area away from foodstuffs. Avoid direct sunlight. Store away from sources of heat or ignition and store away from oxidising agents. Keep container sealed when not in use.

8. Exposure controls/personal protection

Occupational exposure limit values	<u>Name</u>	STEL		TWA		<u>Footnote</u>
		<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
	Ethyl alcohol (ethanol)			1880	1000	ASCC 2006
Biological Limit Values	None allocated					
Appropriate engineering controls	Natural ventilation adequate under normal conditions of use.					
Personal Protective Equipment	Not required under normal conditions of use. Wear gloves and chemical goggles if handling large amounts and if splashing is likely to occur. Wear an approved organic respirator if ethyl alcohol concentrations are likely to exceed the exposure standards.					

9. Physical and chemical properties

Appearance Clear colourless gel, alcoholic odour.

Boiling Point 78 - 184°C

Solubility in Water Complete

Specific Gravity 0.895 @ 25°C

pH 6.8

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Vapour Pressure	Not determined
Evaporation Rate	Greater than the evaporation rate for water
Volatile Component	97.0% v/v
Flash Point	27°C (Literature value)
Flammability	Flammable

10. Stability and reactivity

Chemical Stability	Considered stable. Store below 30°C. Keep out of direct sunlight. Keep containers closed when not in use.
Conditions to Avoid	Sources of heat or ignition, including sparks and naked flames. Static electricity discharges. An explosive air-vapour mix may form - ensure adequate ventilation.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	During combustion, this product may produce carbon monoxide as well as other unidentifiable organic compounds.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Ingestion	Ingestion of large amounts may cause headache, dizziness, dullness, gastric disorders and central nervous system depression. Aspiration in to the lung may cause pneumonitis.
Inhalation	Excessive inhalation of vapours may result in respiratory tract irritation.
Skin	Essentially non-irritating, however prolonged contact can have a drying effect on the skin that may lead to irritation or dermatitis.
Eye	Mild eye irritant.
Chronic Effects	Prolonged or chronic inhalation of ethyl alcohol may cause headaches and central nervous system depression.

12. Ecological information

Short Summary of Assessment of Environmental Impact	At normal use levels and following standard effluent treatment, this product is expected to exhibit low toxicity towards aquatic organisms. However, the undiluted material should be prevented from entering waterways. The volatile components of this product are readily biodegradable. None of the components of this product are expected to bioaccumulate.
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13. Disposal considerations

Waste Disposal	Dispose of large amounts in a chemical dump according to local authority statutory requirements. For small amounts, wash the product to the drain with a large excess of water.
Container Disposal	Empty containers should be rinsed clean with water then recycled.

14. Transport information

U.N. Number	1170
UN proper shipping name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class(es)	3
Hazchem Code	2[Y]
Packaging Method	3.8.3RT1
Packing Group	III
EPG Number	3A1
IERG Number	14

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IMDG UN No 1170
IMDG Description ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
IMDG Hazard Class 3
IMDG Pack. Group III
IMDG EMS F-E, S-D
Other Information Special provisions: 144 223
Limited quantities: 5L

15. Regulatory information

Poisons Schedule Not Scheduled
Hazard Category Irritant
AICS (Australia) All ingredients listed

16. Other Information

Date of preparation or last revision of SDS Replaces SDS dated March 2012

Literature References

Safe Work Australia: Hazardous Substances Information System. Hazard Classification, Risk and Safety Phrases and Exposure Standards information. National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition [NOHSC:2011(2003)]
Approved Criteria for Classifying Hazardous Substances, 3rd Edition [NOHSC:1008(2004)]
Australian Code for the Transport of Dangerous Goods by Road and Rail. International Maritime Dangerous Goods Code.
International Air Transport Association Dangerous Goods Regulations.

Contact Person/Point

Australia:
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 1 800 638 556
Poisons Information Centre (Australia): 13 11 26
New Zealand:
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 0800 154 666
NZ National Poisons Centre (24 Hour): 0800 764 766

DISCLAIMER:

This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.
As ITW AAMTech cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.
Data sheets from unauthorised sources may contain information that is no longer current or accurate.
This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW AAMTech to ensure they are in possession of the latest version.

Signature of Preparer/Data Service

AMS

...End Of MSDS...

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