

Material Safety Data Sheet

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ISSUED by SEPTONE ^{CS:} 1.4.93

Product Name: **RAPID CLEAN SANITISING GEL**

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name RAPID CLEAN SANITISING GEL
Product Code JISHS1P
Company Name Septone Products Pty Ltd (ABN 50 009 745 537)
Address 44 Aquarium Avenue HEMMANT
QLD 4174
Emergency Tel. Business hours only: 1800 000 945 or New Zealand
Poisons Information Centre 0800 764 766
**Telephone/Fax
Number** Tel: (07) 3390 5044
Fax: (07) 3390 5041
Email general@septone.com.au (For NZ customers other
than in emergencies. Your supplier can be
contacted)
**Recommended
Use** Sanitising hand gel. For external use only.
**Other
Information** The information herein is, to the best of our
knowledge, correct and complete. It describes the
safety requirements for this product and should
not be construed as guaranteeing specific
properties. Since methods and conditions of
application are beyond our control, Septone does
not accept liability for any damages resulting
from the use of, or reliance on, this information,
in inappropriate contexts.

2. HAZARDS IDENTIFICATION

**Hazard
Classification** Classified as hazardous
HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.
Hazard classification according to the criteria of
NOHSC.
Dangerous goods classification according to the
Australia Dangerous Goods Code.
Risk Phrase(s) Classified as hazardous
R11 Highly flammable.
Safety Phrase(s) S16 Keep away from sources of ignition - No

smoking.
S2 Keep out of reach of children.
S7 Keep container tightly closed.

Sensitization of Product None of the components of this product is considered to be a skin or respiratory sensitiser.
Teratogenicity Ethyl Alcohol is considered a teratogen. Ingestion during pregnancy may cause birth defects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard</u>	<u>R Phrase</u>
	Ethanol	64-17-5	60-100 %	F	R11
	Water	7732-18-5	10-30 %		
	Ingredients determined not to be hazardous		0-10 %		

4. FIRST AID MEASURES

Inhalation Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation.

Ingestion Do NOT induce vomiting. Give water to drink. Seek medical attention.

Skin Remove contaminated clothing and launder before re-use. Wash affected skin with water.

Eye Hold the eyes open and flush with water for at least 15 minutes. Seek medical attention.

First Aid Facilities Eye wash bottle and normal washroom facilities. This Material Safety Data Sheet should be provided to the attending medical doctor.

Advice to Doctor Treat symptomatically.

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 and inorganic compounds.

Special Protective Equipment for Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA).

**fire
fighters**

Specific Hazards None known.

Hazchem Code 2[Y]

Other Information 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.

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. Prevent the spillage from entering the sewerage system or waterways.

7. HANDLING AND STORAGE

Precautions for Safe Handling Wear personal protective equipment if splashing is likely to occur. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe vapour. Use safe workplace practices and avoid contaminating waterways. Do not eat, drink or smoke in contaminated areas.

Conditions for Safe Storage 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

National Exposure Standards	<u>Name</u>	mg/m3	ppm	mg/m3	ppm	TWA
		(STEL)	(STEL)	(TWA)	(TWA)	<u>Footnote</u>

Ethanol			1880	1000	H
Water	-	-	-	-	
Ingredients determined not to be hazardous	-	-	-	-	

Engineering Controls Natural ventilation adequate under normal conditions of use. Keep containers closed when not in 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

Form	Liquid
Appearance	Clear colourless gel, alcoholic odour.
Boiling Point	78 - 184°C
Solubility in Water	Complete
Specific Gravity	0.895 @ 25°C
pH Value	6.8
Evaporation Rate	Greater than the evaporation rate for Water
Volatile Component	97.0% v/v
Flash Point	27°C (Literature value)
Flammability	Flammable liquid.

10. STABILITY AND REACTIVITY

Chemical Stability	Considered stable under normal conditions of use and storage. 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

Inhalation	Excessive inhalation of vapours may result in respiratory tract irritation.
Ingestion	Irritant. Ingestion of large amounts may cause headache, dizziness, dullness, gastric disorders and central nervous system depression. Aspiration in to the lung may cause pneumonitis.
Skin	Essentially non irritating.
Eye	Mild eye irritant.
Chronic Effects	Prolonged or chronic inhalation of ethyl alcohol may cause headaches and central nervous system depression. Chronic ingestion may result in liver damage and can lead to alcoholism.
Reproductive Toxicity	Ethyl alcohol is responsible for fetal alcohol syndrome which includes a number of teratogenic results: spontaneous abortions, birth defects and developmental problems.
Mutagenicity	None of the components of this product is considered to be a mutagen.
Carcinogenicity	None of the components of this product is considered to be a carcinogen.

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

Product Disposal	Dispose of large amounts in a chemical dump according to local authority statutory requirements. For residual quantities, allow controlled access to the effluent system.
Container Disposal	Rinse empty containers with an excess of water to the effluent system. The clean, empty containers are recyclable.

14. TRANSPORT INFORMATION

Transport Information	Classified as Flammable, according to the Australian Code for the Transport of Dangerous
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Goods by Road and Rail.

U.N. Number 1170

Proper Shipping Name ETHANOL (ETHYL ALCOHOL)

DG Class 3

Hazchem Code 2[Y]

Packaging Method 3.8.3RT1

Packing Group III

EPG Number 3A1

IERG Number 14

IMO Marine Pollutant Not classified as a Marine Pollutant, according to the International Maritime Dangerous Goods Code.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

Hazard Category Highly Flammable

AICS (Australia) To the manufacturer's best knowledge, all of the components of this product are listed on AICS (Australian Inventory of Chemical Substances).

16. OTHER INFORMATION

Contact Person/Point Technical Manager (07) 3390 5044

...End Of MSDS...

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