

# Material Safety Data Sheet

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ISSUED by SEPTONE <sup>CS:</sup><sub>1.4.93</sub>

Product Name: **RAPID CLEAN SANITISING GEL**

**Classified as hazardous**

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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**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.

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## 2. HAZARDS IDENTIFICATION

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**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.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Chemical Characterization** Liquid

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

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### 4. FIRST AID MEASURES

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**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.

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### 5. FIRE FIGHTING MEASURES

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**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.

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## 6. ACCIDENTAL RELEASE MEASURES

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**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.

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## 7. HANDLING AND STORAGE

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**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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| National Exposure Standards | <u>Name</u> | mg/m <sup>3</sup><br>(STEL) | ppm<br>(STEL) | mg/m <sup>3</sup><br>(TWA) | ppm<br>(TWA) | TWA<br><u>Footnote</u> |
|-----------------------------|-------------|-----------------------------|---------------|----------------------------|--------------|------------------------|
|-----------------------------|-------------|-----------------------------|---------------|----------------------------|--------------|------------------------|

|                                      |                                                                                                                                                                                                                                                               |   |   |      |      |   |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|------|------|---|
|                                      | Ethanol                                                                                                                                                                                                                                                       |   |   | 1880 | 1000 | H |
|                                      | Water                                                                                                                                                                                                                                                         | - | - | -    | -    |   |
|                                      | Ingredients determined not to be hazardous                                                                                                                                                                                                                    | - | - | -    | -    |   |
| <b>Engineering Controls</b>          | Natural ventilation adequate under normal conditions of use. Keep containers closed when not in use.                                                                                                                                                          |   |   |      |      |   |
| <b>Personal Protective Equipment</b> | 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. |   |   |      |      |   |

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

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## 10. STABILITY AND REACTIVITY

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|                                         |                                                                                                                                                                    |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chemical Stability</b>               | 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.               |
| <b>Conditions to Avoid</b>              | Sources of heat or ignition, including sparks and naked flames. Static electricity discharges. An explosive air-vapour mix may form - ensure adequate ventilation. |
| <b>Incompatible Materials</b>           | Strong oxidising agents.                                                                                                                                           |
| <b>Hazardous Decomposition Products</b> | During combustion, this product may produce carbon monoxide as well as other unidentifiable organic compounds.                                                     |
| <b>Hazardous Polymerization</b>         | Will not occur.                                                                                                                                                    |

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## 11. TOXICOLOGICAL INFORMATION

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|                              |                                                                                                                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>            | Excessive inhalation of vapours may result in respiratory tract irritation.                                                                                                             |
| <b>Ingestion</b>             | 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. |
| <b>Skin</b>                  | Essentially non irritating.                                                                                                                                                             |
| <b>Eye</b>                   | Mild eye irritant.                                                                                                                                                                      |
| <b>Chronic Effects</b>       | 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.    |
| <b>Reproductive Toxicity</b> | Ethyl alcohol is responsible for fetal alcohol syndrome which includes a number of teratogenic results:<br>spontaneous abortions, birth defects and developmental problems.             |
| <b>Mutagenicity</b>          | None of the components of this product is considered to be a mutagen.                                                                                                                   |
| <b>Carcinogenicity</b>       | None of the components of this product is considered to be a carcinogen.                                                                                                                |

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## 12. ECOLOGICAL INFORMATION

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|                                                            |                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Short Summary of Assessment of Environmental Impact</b> | 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

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

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## 14. TRANSPORT INFORMATION

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|                              |                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------|
| <b>Transport Information</b> | Classified as Flammable, according to the Australian Code for the Transport of Dangerous |
|------------------------------|------------------------------------------------------------------------------------------|

|                             |                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------|
|                             | Goods by Road and Rail.                                                                             |
| <b>U.N. Number</b>          | 1170                                                                                                |
| <b>Proper Shipping Name</b> | ETHANOL (ETHYL ALCOHOL)                                                                             |
| <b>DG Class</b>             | 3                                                                                                   |
| <b>Hazchem Code</b>         | 2[Y]                                                                                                |
| <b>Packaging Method</b>     | 3.8.3RT1                                                                                            |
| <b>Packing Group</b>        | III                                                                                                 |
| <b>EPG Number</b>           | 3A1                                                                                                 |
| <b>IERG Number</b>          | 14                                                                                                  |
| <b>IMO Marine Pollutant</b> | Not classified as a Marine Pollutant, according to the International Maritime Dangerous Goods Code. |

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## 15. REGULATORY INFORMATION

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|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Poisons Schedule</b> | Not Scheduled                                                                                                                                 |
| <b>Hazard Category</b>  | Highly Flammable                                                                                                                              |
| <b>AICS (Australia)</b> | To the manufacturer's best knowledge, all of the components of this product are listed on AICS (Australian Inventory of Chemical Substances). |

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## 16. OTHER INFORMATION

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|-----------------------------|----------------------------------|
| <b>Contact Person/Point</b> | Technical Manager (07) 3390 5044 |
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**...End Of MSDS...**

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