

Material Safety Data Sheet

Infosafe No™.

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ISSUED by SEPTONE CS:
1.7.2

Product Name:

RAPID SPRUCE

Not classified as hazardous

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name RAPID SPRUCE
Product Code 816420, 816401
Product Use Commercial/household grade disinfectant.
Company Name ITW AAMTech (Septone) (ABN 63 004 235 063)
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
Number/Fax** 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)
**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. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical
Characterization** Liquid

Ingredients	Name	CAS	Proportion	Hazard	R Phrase
	Water	7732-18-5	60-100 %		
	Benzalkonium chloride	63449-41-2	0-10 %	Xn, C, N	R21/22, R34, R50
	Ingredients determined not to be hazardous	-	0-10 %		R48

3. HAZARDS IDENTIFICATION

**Sensitization of
Product** None of the components of this product is considered to be a skin or respiratory
sensitiser.
**Reproductive
Toxicity** None of the components of this product is considered to be toxic to the unborn
foetus.
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.
Chronic Effects Repeated or prolonged skin contact may lead to de-fatting of the skin, which can
lead to the onset of dermatitis.
Inhalation Not irritating to the nose, throat and respiratory tract.

Ingestion	Mildly irritating. LD50 (rat) 1200 mg/kg for the quaternary ammonium compound used in this product.
Skin	Mild skin irritant.
Eye	Mild eye irritant.

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 soap and water.
Eye	Hold the eyes open and flush with water for at least 15 minutes. Seek medical attention.
First Aid Facilities	An eye wash bottle and normal washroom facilities should be readily available. This Material Safety Data Sheet should be provided to the attending medical doctor.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media	This product is not flammable and does not support combustion. Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.
Specific Hazards	None known.
Hazardous Combustion Products	Following the evaporation of water from the product if it is involved in a fire, the residue may produce carbon monoxide as well as other unidentifiable organic compounds.
Protective Equipment	Firefighters are to wear protective equipment appropriate to the principal fire hazard or the source of the fire. No special protective equipment required if this product is involved in a fire.
Flash Point	This product will not flash and does not support combustion.
Flammability	This product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Note: spillages are slippery. Personnel involved in cleaning up any spills should wear impervious gloves and chemical goggles. 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, and then transfer into sealed plastic containers for disposal.
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7. HANDLING AND STORAGE

Handling	Use safe workplace practices and avoid contaminating waterways. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using toilet facilities.
Storage	Store in a clean, dry, cool, well ventilated area away from foodstuffs. Keep containers well sealed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National	No value assigned by NOHSC for any ingredients used in this product.
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Exposure Standards

Personal Protective Equipment

Not required under normal conditions of use. Wear impervious gloves and chemical goggles if handling large amounts or if splashing is likely to occur.

Eng. Controls

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear purple liquid, pine fragrance.

Boiling Point 100°C

Solubility in Water Complete

Specific Gravity (H₂O=1) 1.000 @ 25°C

pH Value 6-8

Evaporation Rate As for Water

Flash Point This product will not flash and does not support combustion.

Flammability This product is not flammable.

10. STABILITY AND REACTIVITY

Stability Considered stable to heat and light, however for improved shelf life store below 30°C and keep out of direct sunlight.

Hazardous Polymerization Will not occur.

Materials to Avoid Soaps, detergents, anionic surfactants, strong oxidising agents.

Hazardous Decomposition Products During combustion, this product may produce carbon monoxide as well as other unidentifiable organic compounds.

Conditions to Avoid None known.

11. TOXICOLOGICAL INFORMATION

Inhalation Not irritating to the nose, throat and respiratory tract.

Ingestion Mildly irritating. LD₅₀ (rat) 1200 mg/kg for the quaternary ammonium compound used in this product.

Skin Mild skin irritant.

Eye Mild eye irritant.

Chronic Effects Repeated or prolonged skin contact may lead to de-fatting of the skin, which can lead to the onset of dermatitis.

Reproductive Toxicity None of the components of this product is considered to be toxic to the unborn foetus.

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 The surfactant contained in this product is readily biodegradable, but is regarded as toxic to aquatic organisms. OECD 302B testing of the quaternary ammonium compound contained in this product indicates that it is readily biodegraded, but it is also regarded as toxic to aquatic organisms. Therefore, the undiluted product should be prevented from entering waterways. If possible, the expended material should be drained to the sewer as sewerage treatment will greatly reduce damage to water quality. Whilst the aquatic toxicity of the components is relatively high (96 hour maximum safe concentration in the order of 1-5 mg/L), dilution of the product with the large excesses of water present and the relatively rapid biodegradation of the surfactants and quaternary ammonium compound should ensure minimal ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of large amounts in a chemical dump according to local authority statutory requirements. For residual amounts, wash the product to the drain with a large excess of water.

Container Disposal Rinse empty containers with an excess of water to the effluent system. The clean, empty containers are recyclable.

14. TRANSPORT INFORMATION

IMO Marine Pollutant This product is classified as non dangerous according to the ACTDG. This product is not classified as a Marine Pollutant, according to the International Maritime Dangerous Goods Code.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

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

16. OTHER INFORMATION

Contact Person/Point Technical Manager (07) 3390 5044

Poisons Schedule Not Scheduled

...End Of MSDS...

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