

Material Safety Data Sheet

Infosafe No™ 5APIN Issue Date : November 2016 Status : ISSUED

Product Name **RAPID SPRUCE**

Classified as hazardous according to criteria of NOHSC.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name RAPID SPRUCE
Product Code RAPSP5; RAPSP15
Company Name ITW AAMTech (ABN 63 004 235 063)
Address 1-9 NINA LINK DANDENONG SOUTH
VIC 3175 AUSTRALIA
Emergency Tel. 1800 638 556
Telephone/Fax Number Tel: 1800 177 989
Fax: +61 2 9725 4698
Email info@aamtech.com.au
Recommended Use Commercial/household grade disinfectant.
Other Information Website: www.aamtech.com.au
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Email: info@aamtech.com.au
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2. HAZARDS IDENTIFICATION

Hazard Classification Classified as hazardous according to criteria of NOHSC.
Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals GHS
Eye Damage/Irritation: Category 2
Skin Corrosion/Irritation: Category 2
Safety Phrase(s) S24/25 Avoid contact with skin and eyes.
Other Information **Note: the formula for this product is unchanged. The product is now classified as hazardous due to GHS classification rules. Under NOHSC classification rules, this product was classified as non-hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid
Ingredients

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Quaternary ammonium compound	Proprietary	0-<3 %
Alcohols C12-C14, Ethoxylated	68439-50-9	0-<3 %
Water and other ingredients not considered hazardous	n/a	Balance

4. FIRST AID MEASURES

Inhalation Remove to fresh air. If symptoms persist, obtain medical attention.
Ingestion Give water to drink. DO NOT induce vomiting. If vomiting occurs give further water to achieve effective dilution. Seek medical advice.
Skin Wash affected areas with copious quantities of water immediately. If irritation occurs seek medical advice. Remove contaminated clothes.
Eye Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.
First Aid Facilities Eye wash bottle and normal washroom facilities.
Advice to Doctor Treat symptomatically.
Other Information Use good occupational work practice.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use water fog, foam, dry chemical or carbon dioxide for surrounding fires as governed by adjacent materials.
Specific Hazards No unusual fire or explosion hazards. Non combustible.

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6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Slippery when spilt. Avoid accidents, clean up immediately. In event of large spill: Use absorbent (soil or sand, sawdust, inert material, vermiculite). Sweep up. Collect and seal in properly labelled drums for disposal. Contain using sand and earth - prevent runoff into drains and waterways. Wash area down with excess water.

7. HANDLING AND STORAGE

Precautions for Safe Handling Always wash hands before smoking, eating, drinking or using the toilet. Use in a well ventilated area. Ensure the appropriate personal protective equipment is used when handling this material if required. Use safe workplace practices and avoid contaminating waterways.

Conditions for Safe Storage Store in plastic containers in a clean, dry, cool, well ventilated place away from foodstuffs. Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Quaternary ammonium compound	-	-	-	-	
Biological Limit Values	No biological limit values allocated					
Engineering Controls	Natural ventilation adequate if spray mist generation is minimised. Keep containers closed when not in use.					
Personal Protective Equipment	Wear gloves and safety glasses if handling large amounts and if splashing is likely to occur.					

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid

Appearance Clear purple liquid, pine fragrance.

Melting Point <0°C

Boiling Point approx 100°C

Solubility in Water Complete

Specific Gravity 1.0 @ 25°C

pH Value 6-8

Evaporation Rate As for water

Flash Point Non flammable

Flammability Non combustible. Non flammable.

Flammable Limits - Lower Not Required

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.

Incompatible Materials 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.

Hazardous Polymerization Will not occur

11. TOXICOLOGICAL INFORMATION

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Inhalation	Not normally an irritant, however spray mists may irritate the nose, throat and respiratory tract.
Ingestion	Mildly irritating. LD50 (rat) 1200 mg/kg for the quaternary ammonium compound used in this product.
Skin	Repeated or prolonged skin contact may lead to de-fatting of the skin, which can lead to the onset of dermatitis.
Eye	Irritant. May cause stinging, watering, redness and irritation.
Chronic Effects	Repeated or prolonged skin contact may lead to de-fatting of the skin, which can lead to the onset of dermatitis.

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.
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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 quantities, flush with copious amounts of water to the effluent system.
Container Disposal	Rinse out container with water and dispose in plastics recycling bin.

14. TRANSPORT INFORMATION

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
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15. REGULATORY INFORMATION

Regulatory Information	Classified as hazardous according to criteria of NOHSC. HAZARDOUS SUBSTANCE. NOT SCHEDULED POISON.
Poisons Schedule	Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC). Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). Not Scheduled
AICS (Australia)	All ingredients listed

16. OTHER INFORMATION

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
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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.

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. AMS

Signature of Preparer/Data Service

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