

# Material Safety Data Sheet

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Infosafe No™ 5APFN Issue Date : April 2015 ISSUED by AAMTECH

Product Name **SEPTONE BLOCKETTES**

Classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SEPTONE BLOCKETTES  
**Product Code** HDB4, HDB9, HDB15  
**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** Odour suppressant and air freshener blocks for toilets and urinals.  
**Other Information** Website: www.aamtech.com.au  
\*  
Email: info@aamtech.com.au

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Classified as hazardous  
Acute Aquatic Toxicity Category 1  
Chronic Aquatic Toxicity Category 1  
Carcinogenicity: Category 2  
Eye Damage/Irritation: Category 2A  
**Risk Phrase(s)** Classified as hazardous  
R36 Irritating to eyes.  
R40 Limited evidence of a carcinogenic effect.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**Safety Phrase(s)** S2 Keep out of reach of children.  
S36/37 Wear suitable protective clothing and gloves.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S60 This material and its container must be disposed of as hazardous waste.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Solid

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
		106-46-7	>99 %	Xn	R22
		N/A	Balance	T	R10, R23/24/25, R65

## 4. FIRST AID MEASURES

**Inhalation** Remove the victim from the source of exposure to fresh air immediately. The victim may appear intoxicated. Keep the victim warm and at rest until fully recovered. If breathing is laboured and patient cyanotic (bluish colouration of the skin and mucous membranes), give oxygen. If the victim is not breathing, clear airway and apply artificial resuscitation. If rapid recovery does not occur, seek medical attention.

**Ingestion** Wash out mouth with water. Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into to the respiratory system. Most small ingestions (5g children, 20g adults) do not cause toxicity, and do not require treatment, however patient should be transported to nearest medical facility if symptoms (vomiting, nausea, anaemia, headache) occur.

**Skin** Remove contaminated clothing. Wash exposed areas with soap and water for 10 to 15 minutes with gentle sponging to avoid skin damage. Get medical attention if irritation or pain persists.

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**Eye** Remove contact lenses and irrigate exposed eyes with copious amounts of room temperature water for at least 15 minutes. If irritation, pain, swelling, excessive tearing or intolerance to light persist after 15 minutes of irrigation, seek medical attention.

**First Aid Facilities** Potable water should be available to rinse eyes or skin. Provide eye baths and showers.

**Advice to Doctor** Generally up to 5 grams in children and 20 grams in adults are well tolerated. Most inadvertent ingestions are asymptomatic. Most unintentional ingestions do not cause toxicity, and do not require treatment. GI decontamination is usually not indicated unless a massive ingestion occurs.

LARGE INGESTIONS: Hepatotoxicity, hemolytic anemia, and methemoglobinemia have rarely been reported after large ingestions. CNS depression can occur after inhalation of very high concentrations.

MANAGEMENT OF SEVERE TOXICITY: Administer IV fluids and antiemetics for persistent vomiting. Treat symptomatic methemoglobinemia with methylene blue. Patients who develop severe hemolysis may require transfusion.

## 5. FIRE FIGHTING MEASURES

**Fire Fighting Measures** No specific fire or explosion hazard. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Suitable Extinguishing Media** In case of fire, use water spray (fog), foam, dry chemical or CO2.

**Hazards from Combustion Products** Decomposition products may include the following materials: carbon oxides halogenated compounds.

**Special Protective Equipment for fire fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Decomposition Temp.** >173°C

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Put on appropriate personal protective equipment (see section 8). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May be harmful to the environment if released in large quantities.

**Spills & Disposal** Large spill: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusts. Dispose of via a licensed waste disposal contractor.

Small spill: Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Put on appropriate personal protective equipment (see section 8). Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous.

**Conditions for Safe Storage** Store in accordance with local regulations. Store in a cool dry place. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do

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not store in unlabelled containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Paradichlorobenzene	661	110	451	75	
<b>Biological Limit Values</b>	No biological limit values allocated					
<b>Engineering Controls</b>	Ensure adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours.					
<b>Respiratory Protection</b>	Control airborne concentrations below the exposure standard. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. A respirator with full-face protection may be required where engineering controls are inadequate such as during the clean-up of large spills.					
<b>Eye Protection</b>	Keep storage container closed when not in use. If dealing with large quantities, wear approved dust/splash proof safety glasses or goggles, especially if contact lenses are worn.					
<b>Hand Protection</b>	Wear solvent resistant gloves (nitrile for longer term protection, PVC or neoprene for incidental contact)					
<b>Body Protection</b>	No specific requirements when used according to directions. Remove and launder soiled clothing before re-use.					

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Solid
<b>Appearance</b>	Solid red blocks, tutti frutti fragrance
<b>Decomposition Temperature</b>	>173°C
<b>Melting Point</b>	53°C
<b>Boiling Point</b>	173 deg C
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	Not applicable
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	0.53 hPa at 25°C
<b>Vapour Density (Air=1)</b>	5.08
<b>Volatile Component</b>	100
<b>Octanol/Water Partition Coefficient</b>	The log Pow is 3.37 at 25°C
<b>Density</b>	1.46 @15C
<b>Flash Point</b>	65°C (Closed cup)
<b>Flammability</b>	Combustible Solid, but may take some effort to ignite.
<b>Auto-Ignition Temperature</b>	413 deg C
<b>Flammable Limits - Lower</b>	2.5%
<b>Flammable Limits - Upper</b>	16.0%

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of use
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources

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**Incompatible Materials** Strong oxidising agents, alkalis

**Hazardous Decomposition Products** Decomposition products may include the following materials: carbon oxides halogenated compounds.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation** Low acute inhalation toxicity. Vapour may be irritating to the nose at 50ppm or greater. May cause headache, dizziness, nausea, vomiting and breathing difficulties. High doses may cause depression of the nervous system.

**Ingestion** Accidental swallowing is unlikely in the workplace setting. Low acute oral toxicity. Symptoms may include headache, nausea, vomiting and anaemia.

**Skin** Low acute dermal toxicity in animal studies. May cause a burning sensation on prolonged contact with solid.

**Eye** Irritating to the eye at 50ppm or greater.

**Chronic Effects** Skin - no evidence of sensitisation.  
Ingestion - over a long period may cause reversible neurological symptoms including unsteady gait and tingling of limbs.

**Carcinogenicity** Carc. Cat. 3; Limited evidence of a carcinogenic effect in animal studies. The substance is possibly carcinogenic to humans.

**Acute Toxicity - Oral** LD50: > 2000 mg/kg bw (rat)

**Acute Toxicity - Dermal** LD50: > 2000 mg/kg bw (rat)

**Acute Toxicity - Inhalation** LD50 (4hr): > 5.07 mg/L air (rat)

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Paradichlorobenzene is toxic to aquatic life.

**Persistence / Degradability** Readily biodegradable OECD Guideline 301 C

**Mobility** Insoluble in water

**Acute Toxicity - Fish** Oncorhynchus mykiss (Rainbow Trout): 96h LC50 1.12mg/L

**Acute Toxicity - Daphnia** Daphnia magna 48h EC50: 0.7mg/L

**Acute Toxicity - Other Organisms** Mysidopsis bahia (Mysid shrimp) 96h EC50 1.99mg/L

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** Examine possibilities for re-utilisation. Product residues and uncleaned empty containers should be packaged, sealed, labelled, and disposed of or recycled according to relevant national and local regulations. When uncleaned empty containers are passed on, the recipient must be warned of any possible hazard that may be caused by residues.

## 14. TRANSPORT INFORMATION

**Transport Information** Not classified as dangerous goods according to the ADG Code 7th Edition (Special Provision AU01)  
Environmentally hazardous substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the Australian Dangerous Goods code when transported by road or rail in packagings, IBCs or any other receptacle not exceeding 500kg(L).

**IMDG UN No** 3077  
Whilst the IMDG Code defines 1,4-Dichlorobenzene to be UN 3082, SP355 of the Code states:  
'...environmentally hazardous liquids assigned to UN 3082 may be classified and transported as UN 3077, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed.'  
Therefore, considering that this product exists as a solid at ambient temperature (with a melting point of 53°C), it has been decided to classify

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**IMDG Description** this product as UN 3077 for transport according to the IMDG Code.  
Environmentally hazardous substance, solid N.O.S. (p-dichlorobenzene)

**IMDG Hazard Class** 9

**IMDG Pack. Group** III

**IMDG EMS** F-A, S-F

**IMDG Marine Pollutant (MP)** Yes

## 15. REGULATORY INFORMATION

**Regulatory Information** Classified as hazardous  
HAZARDOUS SUBSTANCE.  
SCHEDULED POISON.

**Poisons Schedule** Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).  
S5

**Hazard Category** Harmful, Irritant, Dangerous for the environment

**AICS (Australia)** Listed

## 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** Replaces SDS dated Apr 2010

**Contact Person/Point** Australia:  
24 HOUR EMERGENCY CONTACT (ACOHs Pty Ltd): 1 800 638 556  
Poisons Information Centre (Australia): 13 11 26  
New Zealand:  
24 HOUR EMERGENCY CONTACT (ACOHs Pty Ltd): 0800 154 666  
NZ National Poisons Centre (24 Hour): 0800 764 766

**Signature of Preparer/Data Service** DISCLAIMER:  
This Material 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 MSDS 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.  
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