

SAFETY DATA SHEET

SEPTONE BLOCKETTES

Infosafe No.: 5APFN
ISSUED Date : 07/04/2015
ISSUED by: ITW AAMTECH

1. IDENTIFICATION

GHS Product Identifier

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

Telephone/Fax Number

Tel: 1800 177 989

Fax: +61 2 9725 4698; 1800 308 556

Emergency phone number

1800 638 556; 1800 039 008; 0800 2436 2255

E-mail Address

info@aamtech.com.au

Recommended use of the chemical and restrictions on use

Odour suppressant and air freshener blocks for toilets and urinals.

Disclaimer

Website: www.aamtech.com.au

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New Zealand

Autoserv NZ Ltd

2/38 Trugood Drive, East Tamaki, Auckland

Tel: 0800 438 996

Email: warehouse@autoserv.co.nz

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Acute Aquatic Toxicity Category 1

Chronic Aquatic Toxicity Category 1

Carcinogenicity: Category 2

Eye Damage/Irritation: Category 2A

Signal Word (s)

WARNING

Hazard Statement (s)

Suspected of causing cancer.

Causes serious eye irritation.

Very toxic to aquatic life with long lasting effects.

Precautionary Statement (s)

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Pictogram (s)

Health hazard , Exclamation mark , Environment



Precautionary statement – Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash hands thoroughly after handling.
Wear protective gloves and eye protection.
Avoid release to the environment.

Precautionary statement – Response

IF IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Precautionary statement – Storage

Store locked up.

Precautionary statement – Disposal

Dispose of contents/container in accordance with local regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Paradichlorobenzene	106-46-7	>99 %
Fragrance	N/A	Balance

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.

Eye contact

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 Temperature

>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, including any incompatibilities

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 not store in unlabelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Paradichlorobenzene		TWA	75	ppm	
Paradichlorobenzene		TWA	451	mg/m3	
Paradichlorobenzene		STEL	110	ppm	
Paradichlorobenzene		STEL	661	mg/m3	

Biological Limit Values

No biological limit values allocated

Appropriate Engineering Controls

Ensure adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours.

Respiratory Protection

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.

Keep storage container closed when not in use.

Eye Protection

If dealing with large quantities, wear approved dust/splash proof safety glasses or goggles, especially if contact lenses are worn.

Hand Protection

Wear solvent resistant gloves (nitrile for longer term protection, PVC or neoprene for incidental contact)

Body Protection

No specific requirements when used according to directions. Remove and launder soiled clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Solid red blocks, tutti frutti fragrance

Decomposition Temperature

>173°C

Melting Point

53°C

Boiling Point

173 deg C

Solubility in Water

Insoluble

Specific Gravity

Not applicable

pH

Not applicable

Vapour Pressure

0.53 hPa at 25°C

Vapour Density (Air=1)

5.08

Volatile Component

100

Partition Coefficient: n-octanol/water

The log Pow is 3.37 at 25°C

Density

1.46 @15C

Flash Point

65°C (Closed cup)

Flammability

Combustible Solid, but may take some effort to ignite.

Auto-Ignition Temperature

413 deg C

Flammable Limits - Lower

2.5%

Flammable Limits - Upper

16.0%

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of use

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources

Incompatible materials

Strong oxidising agents, alkalis

Hazardous Decomposition Products

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

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral

LD50: > 2000 mg/kg bw (rat)

Acute Toxicity - Inhalation

LD50 (4hr): > 5.07 mg/L air (rat)

Acute Toxicity - Dermal

LD50: > 2000 mg/kg bw (rat)

Ingestion

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

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.

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.

Carcinogenicity

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

Chronic Effects

Skin - no evidence of sensitisation.

Ingestion - over a long period may cause reversible neurological symptoms including unsteady gait and tingling of limbs.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Paradichlorobenzene is toxic to aquatic life.

Persistence and 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).

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

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 this product as UN 3077 for transport according to the IMDG Code.

IMDG Hazard Class

9

IMDG Pack. Group

III

IMDG EMS

F-A, S-F

15. REGULATORY INFORMATION

Poisons Schedule

S5

Australia (AICS)

Listed

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Replaces SDS dated Apr 2010

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 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.

Signature of Preparer/Data Service

AMS

END OF SDS

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