

Safety Data Sheet



AVENGER

1. Identification

Trade name of product : AVENGER
Other Shipping Name : None Allocated
Supplier Address : Total Hygiene Solutions
1/71 Stradbroke St, Heathwood
Queensland 4110 Australia
Supplier Contact Details : Phone: 07 3166 0740, email: SDS@symbio.com.au
Emergency telephone number : Poisons Information 131126
Material uses : Floor Cleaner
Product dilution information : Use Dilution 1:40
Date of issue : 1 June 2015

2. Hazards identification

Product AS SOLD and AT USE DILUTION

Classified as **NON-DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **NOT HAZARDOUS** according to Safe Work Australia's GHS Criteria.

3. Composition/information on ingredients

Product AS SOLD and AT USE DILUTION

Ingredient name	CAS number	Proportion %	TWA mg/m ³	STEL mg / m ³
None Allocated	None Allocated	None Allocated	None Allocated	None Allocated

Ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. First-aid measures

Product AS SOLD and AT USE DILUTION

Eye contact : Rinse with plenty of running water. Seek medical advice if symptoms occur.
Skin contact : Remove contaminated clothing (wash before re-use). Then rinse with plenty of running water. Seek medical advice if symptoms occur.
Inhalation : Remove to fresh air. Seek medical advice if symptoms occur.
Ingestion : Do NOT induce vomiting. Rinse Mouth. Give water to drink. Seek medical advice if symptoms occur.
Notes to physician : Treat Symptomatically.

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5. Fire-fighting measures

	Product AS SOLD and AT USE DILUTION
Extinguishing media	: Not combustible, however, if material is involved in a fire use an extinguisher agent suitable for the surrounding fire.
Specific Hazards arising from the chemical	: No specific Hazard.
Special protective equipment and precautions for fire-fighters	: Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus in the event of a fire.
Hazchem Code	: No Hazchem Code applicable

6. Accidental release measures

	Product AS SOLD and AT USE DILUTION
Personal precautions	: Use PPE when handling any spills, including gloves, safety glasses and appropriate footwear
Environmental precautions	: Contain spill using appropriate bunding or capping.
Methods for cleaning up	: Spills may be slippery. Small spills use mop and bucket, for larger spills contain with absorbent material, collect and dispose.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

	Product AS SOLD and AT USE DILUTION
Handling	: Use clean dispensing equipment, Use appropriate PPE, Always add product to water when diluting.
Storage	: Keep container upright and cool and dry. Ensure good housekeeping in storage area.

8. Exposure controls/personal protection

	Product AS SOLD and AT USE DILUTION
Occupational exposure limits	: No information available
Engineering measures	: Use sensible work practices that reduce operator exposure to the product. Ensure that adequate ventilation is provided, and air is moving constantly in the area of use while drum is open. Avoid direct inhalation of mists. Keep containers closed when not in use.
Personal Protection	No PPE required under normal use. However, the following PPE may be considered to reduce risk of exposure.
Eyes	: Safety Glasses
Hands	: Safety Gloves
Respiratory	: Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.
Skin	: Gloves should be used for instances of prolonged contact.

9. Physical and chemical properties

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Product AS SOLD and AT USE DILUTION	
Physical state	: Clear Liquid
Colour	: Red
Odour	: Fragrant
pH	: 10.5 – 11.5
Flash point (°C)	: NA
Boiling point (°C)	: >100
Specific Gravity (g/ml @ 25°C)	: 1.01 – 1.02
Solubility	: Completely soluble in water

10. Stability and reactivity

Product AS SOLD and AT USE DILUTION	
Reactivity	: Do not mix with acids, ammonium salts or oxidising substances.
Stability	: Stable under normal storage conditions
Possibility of Hazardous Reactions	: Ammonia gas may be produced if mixed with ammonium salts.
Conditions to avoid	: Avoid contact with food stuffs.
Incompatible Materials	: Acids and ammonium salts.

11. Toxicological information

Potential health effects

Product AS SOLD and AT USE DILUTION	
Ingestion	: May irritate intestinal tract and mouth causing minor discomfort.
Eye	: May cause slight irritation, reddening of eyes.
Skin	: Prolonged contact with concentrated product may cause dermatitis and defatting of skin.
Chronic	: No known significant effects

12. Ecological information

Product AS SOLD and AT USE DILUTION

Ecotoxicity data

Persistence/degradability	: No known significant effects
Mobility in Soil	: No known significant effects
Other adverse effects	: Expected to be toxic to aquatic environments.

13. Disposal considerations

Product AS SOLD and AT USE DILUTION	
Methods of disposal	: Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

14. Transport information

Product AS SOLD and AT USE DILUTION

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Regulation	UN Number	Proper shipping name	Classes	Packing group	Additional information
ADG	None Allocated	None Allocated	None Allocated	None Allocated	None Allocated

15. Regulatory information

Product AS SOLD and AT USE DILUTION

Hazard Category : None Allocated
Poisons Schedule : None Allocated
AICS (Australia) : All ingredients Listed

16. Other information

Prepared by : Australian Chemical Services Pty Ltd (0411 863 178)

This Safety Data Sheet is the first issue under the direction of the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS of December 2011. The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SAFETY DATA SHEET