

## Material Safety Data Sheet

Page 1 of 4

### ECOZYME B+ Liquid Drain Cleaner

#### 1. Identification of the material and supplier

**Names**

**Product name** : Ecozyme B+ Liquid Drain Cleaner  
**ADG** : Not regulated  
**Supplier** : AWARE ENVIRONMENTAL PRODUCTS P/L  
 4 HEALEY RD  
 Dandenong, VIC, 3175  
**Emergency telephone Number** : 1800 061 801

**Uses**

**Material uses** : Drain Cleaning product  
**Date of issue** : 1<sup>st</sup> MAY 2014

#### 2. Hazards identification

**Statement of hazardous/**

**Dangerous nature** : Not classified as hazardous according to the criteria of NOHSC nor classified as dangerous goods according to the ADG code.

#### 3. Composition/information on ingredients

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

#### 4. First-Aid measures

**Eye contact** : Rinse with plenty of running water. Get medical attention if symptoms Occur.  
**Skin contact** : In case of contact, immediately flush skin with plenty of water. Wash clothing before reuse. Get medical attention if symptoms occur.  
**Inhalation** : Remove to fresh air. Obtain medical attention if symptoms occur.  
**Indigestion** : Do not induce vomiting. Rinse mouth; then drink one or two large glasses of water. Contact a doctor or Poisons Information Centre (phone 13 11 26).  
**Notes to physician** : No specific treatment. Treat symptomatically.

#### 5. Fire-fighting measures

**Extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Fire/explosion hazard** : No specific hazard.  
**Special protective equipment for firefighters.** : Fire-fighters should wear appropriate protective equipment and self - Contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.  
**Hazardous decomposition Products** : No specific data

## ECOZYME B+ Liquid Drain Cleaner

### 6. Accidental release measures

<b>Personal precautions</b>	:Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
<b>Environmental precautions</b>	:Avoid dispersal of spilled material and runoff and contact with soil and waterways. Inform the relevant authorities if the product has caused environmental pollution (waterways, soil or air).
<b>Methods for cleaning up</b>	:Stop leak if without risk. Move containers from spill area. Prevent entry into watercourse, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

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

### 7. Handling and storage

<b>Handling</b>	:Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
<b>Storage</b>	:Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep away from incompatibles, such as strong oxidising material.

### 8. Exposure controls/personal protection

<b>Occupational exposure Limits</b>	: <b>No exposure standard allocated.</b>
<b>Engineering measures</b>	: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
<b>Hygiene measures</b>	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the work station location.
<b><u>Personal protection</u></b>	
<b>Eyes</b>	: Recommended: Safety glasses.
<b>Hands</b>	: Recommended: PVC gloves.
<b>Respiratory</b>	: A respirator is not needed under normal and intended conditions of product use.
<b>Skin</b>	: No special protective clothing is required.

## ECOZYME B+ Liquid Drain Cleaner

### 9. Physical and chemical properties

<b>Physical state</b>	: Liquid.
<b>Colour</b>	: Green. [light]
<b>Odour</b>	: Citrus.
<b>Boiling point</b>	: >100°C(>212°F)
<b>Melting point</b>	: Not available.
<b>Vapour pressure</b>	: Not available.
<b>Specific gravity</b>	: 0.984 to 1.024.
<b>Flash point</b>	: Product does not support combustion.
<b>Vapour density</b>	: Not available
<b>pH</b>	: 7 to 8 [Conc. (% w/w): 100%]
<b>Solubility</b>	: Easily soluble in cold water, hot water.

### 10. Stability and reactivity

<b>Stability</b>	: The product is stable under normal ambient conditions of temperature and pressure.
<b>Conditions to avoid</b>	: None identified.
<b>Materials to avoid</b>	: Strong oxidising material.
<b>Hazardous decomposition</b>	: No specific data.
<b>Products</b>	
<b>Hazardous Reactions</b>	: No hazardous reactions expected.

### 11. Toxicological information

#### Potential acute health effects

<b>Inhalation</b>	: No known significant effects or critical hazards.
<b>Indigestion</b>	: No known significant effects or critical hazards.
<b>Skin contact</b>	: No known significant effects or critical hazards.
<b>Eye contact</b>	: Slightly irritating to the eyes.

#### Potential chronic health effects

<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: No known significant effects or critical hazards.

### 12. Ecological information

<b>Ecotoxicity data</b>	: Not available.
<b>Persistence/degradability</b>	: Not available.
<b>Mobility</b>	: Not available.
<b>Other adverse effects</b>	: No known significant effects or critical hazards.

### 13. Disposal considerations

<b>Methods of disposal</b>	: Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil and waterways. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
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## ECOZYME B+ Liquid Drain Cleaner

### 14. Transport information

Regulation	UN number	Proper shipping name	Class	Packing group	Additional information
ADG	-	Not regulated	-	-	-
IMDG	-	Not regulated	-	-	-

### 15. Regulatory information

**Australia Inventory (AICS)** : All substances are listed on AICS or exempt.  
**AU Classification** : Not classified as hazardous according to the criteria of NOHSC.  
**Standard for the Uniform Scheduling of Drugs and Poisons.**  
 Not scheduled.  
**Control of scheduled Carcinogenic Substances**

**Ingredient name**

**Schedule**

No listed substance.

### 16. Other information

**Prepared by** : Regulatory affairs.  
**Date of previous issue** : 12-july-2002  
**Change made** : Minor formulation change.  
**Next Review Date** : 1/5/2019  
**References** : -ADG Code-Australian Transport of Dangerous goods  
 -Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment  
 -Approved Criteria for Classifying Hazardous Substances.  
 - List of Designated Hazardous Substances.  
 - National Code of Practice for the Labelling of Workplace Substances.  
 - National Code of Practice for the Preparation of Material Safety Data Sheets.  
 - National Model Regulations for the Control of Scheduled Carcinogenic Substances.  
 - National Model Regulations for the Control of Workplace Hazardous Substances.  
 - Standard for the Uniform Scheduling of Drugs and Poisons.

**Disclaimer**

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As, data, standards, and regulations change, and conditions of use and handling are beyond our control. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.