

## DRAIN CLEANER

# MATERIAL SAFETY DATA SHEET

Issue Date: 1<sup>st</sup> June 2012

Product Name: Drain Cleaner

Classified as hazardous according to criteria of NOHSC

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Product Name** Drain Cleaner.  
**Product Use** Alkaline detergent for cleaning drains.  
**Company Name** 888 Triple Chemicals Pty Ltd.  
**Address** 16 / 50-52 Malvern St. Bayswater.  
VIC Australia 3153  
**Emergency Tel.** **0413 115 888**  
**Telephone/Fax** Tel (03) 9720 8455 Fax: (03) 9720 8417

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Information on Composition** Product based on caustic soda.

**Ingredients**

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Sodium Hydroxide	1310-73-2	96%
Silica	7631-86-9	<1%

### 3. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of NOHSC and classified as a dangerous good according to the ADG code.

**Risk phrases:** R35 Causes severe burns

**Safety phrases:** S2 Keep out of reach of children.  
S24/25 Avoid contact with skin and eyes.

**Hazard Category** Corrosive  
**Symptoms & Effects** Corrosive to eyes. May cause corneal burns. Repeated or prolonged skin contact can cause chronic dermatitis.

**Other Hazard Information:** Nil

---

#### 4. FIRST AID MEASURES

---

<b>Inhalation</b>	Remove victim to fresh air. Investigate possible misuse of material. Seek medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce Vomiting. Seek medical attention. Never give anything by mouth to an unconscious person
<b>Eye</b>	Remove contact lenses. Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.
<b>Skin</b>	Wash affected areas with water or dilute vinegar.
<b>First Aid Facilities</b>	Normal washroom facilities. Eye irrigator.
<b>Advice to Doctor</b>	Treat symptomatically.

---

#### 5. FIRE FIGHTING MEASURES

---

<b>Extinguishing Media</b>	Use extinguishing media suitable for surrounding fire situation.
<b>Specific Hazards</b>	Nil.
<b>Precautions in connection with Fire</b>	Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

---

#### 6. ACCIDENTAL RELEASE MEASURES

---

<b>Spills &amp; Disposal</b>	Contain and collect using absorbent material. Small spills may be flushed to sewer. Dispose of to landfill.
------------------------------	---

---

#### 7. HANDLING AND STORAGE

---

<b>Handling</b>	Repeated or prolonged exposure to the concentrate and dilute solutions without personal protection should be avoided in order to lessen the possibility of tissue damage. It is essential that all who come into contact with this material maintain good standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Use only in a well ventilated area. Keep container closed and bung in place.
<b>Storage</b>	Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Store in accordance with state regulations for dangerous goods.

---

#### 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

---

<b>Exposure Limits</b>	No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However as with all chemicals, exposure to concentrate should be kept to the least possible levels.
<b>Respiratory Protection</b>	Not necessary for the diluted product or when handling concentrate.
<b>Eye Protection</b>	Safety glasses.
<b>Hand Protection</b>	Plastic or rubber gloves recommended.
<b>Body Protection</b>	Waterproof apron. When handling concentrate.
<b>Eng. Controls</b>	N/A.
<b>Other information</b>	No Biological Limit Value allocated.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

<b>Appearance</b>	White crystalline powder
<b>Odour</b>	Neutral
<b>Boiling Point</b>	N/A
<b>Solubility in Water</b>	Infinitely soluble in water
<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	N/A
<b>Physical State</b>	Liquid.
<b>pH of soln</b>	1% v/v 13
<b>Flash Point</b>	Non flammable
<b>Flammability</b>	Non flammable
<b>Flammable Limits LEL</b>	Non flammable
<b>Flammable Limits UEL</b>	Non flammable

---

## 10. STABILITY AND REACTIVITY

---

<b>Stability</b>	Stable under normal conditions of storage and handling.
<b>Hazardous</b>	Will not occur.
<b>Polymerization</b>	
<b>Materials to Avoid</b>	Mineral and organic acids...
<b>Hazardous</b>	None known.
<b>Decomposition</b>	
<b>Products</b>	None known.
<b>Hazardous Reaction</b>	Reacts with acids violently to produce heat. Reacts violently when dissolved in water to produce heat.

---

## 11. TOXICOLOGICAL INFORMATION

---

<b>Toxicology Information</b>	Not available
<b>Inhalation</b>	Inhalation of dusts or water mists will cause irritation of nose and throat tissues.
<b>Ingestion</b>	Not a likely source of exposure, however, mists of diluted product may cause irritation to nose and throat. Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting.
<b>Skin</b>	Incidental contact may cause skin irritation which can result in redness, itchiness, swelling and possibly lead to dermatitis. Prolonged contact with concentrate and dilute solutions will cause damage to skin tissue.
<b>Eye</b>	The concentrate is corrosive to the eye.
<b>Chronic Effects</b>	No known adverse effects.

---

## 12. ECOLOGICAL INFORMATION

---

<b>Environ. Protection</b>	Harmful to aquatic life when diluted and in concentrate form
<b>Mobility</b>	No data is available for this product.
<b>Persistence / Degradability</b>	No data is available for this product. Fully biodegradable
<b>Bioaccumulation</b>	No data is available for this product.
<b>Ecotoxicity</b>	No data is available for this product.

---

## 13. DISPOSAL CONSIDERATIONS

---

Dispose of waste according to federal, E.P.A., state and local regulations.  
Assure conformity with all applicable regulations.

---

**14. TRANSPORT INFORMATION**

---

<b>U.N. Number</b>	1823
<b>Proper Shipping Name</b>	Sodium hydroxide solid.
<b>DG Class</b>	8
<b>Hazchem Code</b>	2X
<b>Packing Group</b>	II
<b>EPG Number</b>	8A1
<b>IERG Number</b>	37

---

**15. REGULATORY INFORMATION**

---

<b>Safety Phrase</b>	S2 Keep out of reach of children. S24/25 Avoid contact with skin and eyes
<b>Poisons Schedule</b>	Schedule 6
<b>AICS (Australia)</b>	All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

---

**16. OTHER INFORMATION**

---

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

**Contact Person/Point** Manager, 888 Triple Eight Chemicals (03) 9720 8455

**MSDS History**

MSDS Creation: 15<sup>th</sup> January 2009  
Reissue: 1<sup>st</sup> June 2012

**...End of MSDS...**