



# DAVID GRAY & CO PTY LIMITED

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**Emergency Telephone Number (08) 9337 4933**

**(During Office Hours 8am to 4.30pm Monday to Friday)**

**Date of Issue: April 2021**

## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

**PRODUCT NAME:** Rootox Root Control

**Other names:** None Allocated

**MANUFACTURERS CODE:**

**USE:** Control of roots in sewer pipes. To be flushed down the toilet

### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS

Classified as Hazardous according to NOHSC Criteria

### INGREDIENTS

| CHEMICAL NAME                                    | CAS.NO.   | PROPORTION |
|--|-----------|------------|
| Copper Sulphate                                  | 7758-98-7 | 93%        |
| Other ingredients determined not to be hazardous |           | to 100%    |

## FIRST AID MEASURES

### GENERAL:

In every case of suspected poisoning, contact a doctor or a Poisons Information Centre immediately. (131126)

**SWALLOWED:** Rinse mouth out with water. Give a glass of water to drink. Seek medical attention.

**NOTE:** Do not induce vomiting.

**EYE:** Hold eyelids open and flush eyes with water for at least 15 minutes. Seek medical attention.

**SKIN:** Immediately remove contaminated clothing and wash skin thoroughly with plenty of soap and water for at least fifteen minutes.

**INHALED:** Immediately remove patient to fresh air. Seek medical attention if effects persist.

**FIRST AID FACILITIES:** Fresh water, Eyewash

**ADVICE TO DOCTOR:** Treat symptomatically.

## FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Non flammable. If product is present in a fire, toxic gases may be evolved. Evacuate area and contact emergency services.

**Extinguishing:** Non flammable.

**Hazchem Code:** None Allocated

**FIRE FIGHTING PERSONAL PROTECTIVE EQUIPMENT:** Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use water fog to cool intact containers and nearby storage areas. When heated to decomposition toxic fumes of SO<sub>x</sub> are evolved.

## ACCIDENTAL RELEASE MEASURES

### EMERGENCY PROCEDURE:

**Spillage:** If spilt, mop up area and wash residue down with water. For large spills, wear safety glasses and PVC/rubber gloves during cleanup.

Do not allow entry into waterways. Disposal of contaminated material must be done in accordance with State and/or Local regulations.

## HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Avoid contact of the product with hands, skin, and eyes and avoid breathing spray mist. Do not allow the product to enter the mouth.

Wash hands, face and arms immediately after use and before eating, drinking, smoking or going to the toilet.

### STORAGE:

Keep cool out of direct sunlight and provide adequate ventilation. Store in cool, dry area, removed from foodstuffs. Store the product in the original container, protected from physical damage and sealed when not in use.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE STANDARDS:

Worksafe Occupational Exposure Standard: 1 mg/m<sup>3</sup> (TWA)

**BIOLOGICAL LIMIT:** None allocated

**ENGINEERING CONTROLS:** Use only in an area provided with appropriate exhaust ventilation

**PERSONAL PROTECTIVE EQUIPMENT:** Avoid contact with eyes and skin. For maximum protection, when handling or using the product the following personal protective equipments is recommended: wear PVC or rubber gloves for prolong exposure wear PVC gloves and goggles.

## PHYSICAL AND CHEMICAL PROPERTIES

|                             |   |
|-----------------------------|---|
| <b>APPEARANCE:</b>          | Blue tablet (weight 28.5g)                                      |
| <b>ODOUR:</b>               | Odourless   |
| <b>BOILING POINT:</b>       | N/A   |
| <b>MELTING POINT:</b>       | Loses 5H <sub>2</sub> O @ 250 °C and 4H <sub>2</sub> O @ 110 °C |
| <b>FLASH POINT:</b>         | Not flammable   |
| <b>FLAMMABILITY LIMITS:</b> | Not flammable   |

## STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>CHEMICAL STABILITY:</b>               | Stable at normal storage conditions                                     |
| <b>CONDITIONS TO AVOID:</b>              | None allocated  |
| <b>INCOMPATIBLE MATERIALS:</b>           | None allocated  |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> | When heated to decomposition toxic fumes of SO <sub>x</sub> are evolved |
| <b>HAZARDOUS REACTIONS:</b>              | Unknown   |

## TOXICOLOGICAL INFORMATION

### GENERAL:

Harmful and an irritant. Keep out of the reach of children. Harmful if swallowed. Do not breath dust. Irritating to eyes and skin.

**Eye:** Dust causes immediate irritation to eyes. May cause severe eye damage.

**Inhalation:** May causes irritation of nasal passage and throat.

**Skin:** Dust causes slight irritation to skin. May cause discolouration of skin.

**Swallowed:** Causes irritation of the mouth, salivation, abdominal cramps, nausea, vomiting, diarrhea and shock. LD<sub>50</sub> Oral (rat) 300mg/kg. LD<sub>0</sub> Oral (human) 1088mg/kg TDL<sub>0</sub> Oral (human) 272mg/kg

## ECOLOGICAL INFORMATION

**ECOTOXICITY:** The ecotoxicity of this product has not been determined. However the active ingredient is highly *toxic to bees and fish and other aquatic life.*

## DISPOSAL CONSIDERATIONS

Disposal of contaminated material must be done in accordance with State and/or Local regulations.

Dispose of empty containers by wrapping in paper, placing in plastic bag and putting in garbage.

Do not allow chemical containers, spray or washings to contaminate drains, sewers, streams, ponds or any Waterways.

## TRANSPORT INFORMATION

Product is not classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**UN NUMBER:** None allocated  
**CORRECT SHIPPING NAME:** None allocated  
**DANGEROUS GOODS CLASS:** None allocated  
**SUB-CLASS:**  
**PACKAGING GROUP:**  
**SPECIAL PRECAUTIONS FOR USER:** None allocated  
**HAZCHEM CODE:** None allocated

## OTHER INFORMATION

### CONTACT POINT

**TITLE:** Technical Department  
**TELEPHONE NUMBER:** (08) 9337 4933  
**AUTHORISED:** Technical Manager  
**DATE:** **05/04/21**

### NOTICE:

This Material Safety Data Sheet has been developed according to the Worksafe Australia/NOHSC Codes of Practice.

The information contained herein is given in good faith however and is considered accurate at the specified issue date. No warranty expressed or implied is made to the accuracy or completeness of the data and information contained herein.

No person, other than an authorised representative of David Gray & Company Pty Ltd, has the authority to alter this MSDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours, or via e-mail <mailto:general@davidgray.com.au>