



## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Function:</b>	Organo-chlorine detergent disinfectant powder		
<b>Product Code:</b>	1D035000	<b>Prepared By:</b>	P. Young
<b>Emergency Number:</b>	082-447-7288	<b>Contact Person:</b>	P. Grobler
<b>Company Telephone No:</b>	011-871-9000		

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Range	Hazard
Sodium Dichloroisocyanurate	> 30%	Oxidising agent. Harmful if swallowed. Contact with acid releases toxic gas.
Sodium Metasilicate	1-5%	Corrosive – causes burns. Irritating to respiratory system.
Sodium dodecylbenzene sulphonate	5-15%	Irritating to eyes and skin. Harmful if swallowed.

## 3. HAZARDS IDENTIFICATION: Harmful and oxidising



## 4. FIRST-AID MEASURES

**Eyes:** Wash immediately with copious amounts of water and obtain medical attention.

**Skin:** Wash skin thoroughly with water. Obtain medical attention if symptoms develop.

**Inhalation:** Remove from source of exposure and obtain medical attention without delay.

**Ingestion:** Remove material from mouth. Drink 1 or 2 glasses of water (or milk) and obtain medical attention without delay.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing Media:** Flammable – In the event of a fire use carbon dioxide or dry powder extinguishers. In contact with small amounts of water this product generates considerable heat. If water is used for fire-fighting purposes ensure that large quantities are used.

**Exposure Hazards:** If involved in a fire may evolve hazardous fumes of chlorine.

**Protective Equipment:** Fire fighters should wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Protection of Personnel:** Wear suitable gloves and eye/face protection. Wear suitable respiratory protection. Turn off all sources of ignition and ventilate the area.

**Method of Disposal:** Hose away with plenty of water diluting to at least **0.5% w/v (5 g/litre)** unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down a wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.

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## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not breathe dust. Do not mix with acids. Never add water to this product.

**Storage:** Store in original containers in a cool, dry place. Oxidising agent. May cause fire. Do not store on wooden floors or near combustible materials. Keep away from acids. Keep dry.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eyes:** When handling neat product wear suitable eye/face protection.

**Hand:** Use gloves resistant to alkalis.

**Skin:** Wear non-flammable overalls and a PVC, neoprene, nitrile or natural rubber bib/apron when handling the neat product.

**Respiration:** Personal protection is not normally required unless a risk assessment indicates the need for it.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White coarse free-flowing powder

**% Available chlorine:** 27.5 min

**pH (0.067% solution):** 8.0 - 9.5

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## 10. STABILITY AND REACTIVITY

Avoid extremes of temperature. Contact with acids liberates chlorine. Keep away from organic chemicals.

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## 11. TOXICOLOGICAL INFORMATION

**Eyes:** Causes irritation.

**Skin:** Causes irritation. Powerful oxidizing agent.

**Inhalation:** Causes irritation.

**Ingestion:** Harmful and causes irritation.

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## 12. ECOLOGICAL INFORMATION

Contains substances, which can affect the aquatic environment. Do not overdose or allow to contaminate ground water, ponds, ditches, waterways, or other surface waters.

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## 13. DISPOSAL CONSIDERATIONS

For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 0.5% w/v (5 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company.

#### 14. TRANSPORT INFORMATION

**Local Regulation:** Oxidising – Sodium Dichloroisocyanurate, mixture.

**UN No:** 2465 **Class:** 5.1

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#### 15. REGULATORY INFORMATION

**Hazard Symbol:** Xn;O; Harmful and oxidising.

**Risk Phrases:** R8 : Contact with combustible material may cause fire.

R22 : Harmful if swallowed.

R31 : Contact with acids liberates toxic gas.

**Safety Phrases:** S3 : Keep in a cool place.

S7 : Keep container tightly closed.

S14 : Keep away from acids.

S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

S46 : If swallowed seek medical advice immediately and show this container or label.

S50 : Do not mix with acids.

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#### 16. OTHER INFORMATION

Handle and apply only as recommended.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

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