

CHRYSO®Fluid Premia 100
Concrete and mortar admixture**SAFETY DATA SHEET**
(REACH regulation (EC) n° 1907/2006 - n° 453/2010)**1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY**

Identification of the product: Liquid
Company identification: See company
Trade name: **CHRYSO®Fluid Premia 100**
Type of product: Concrete and mortar admixture
Use: Industrial

Company
CHRYSO Southern Africa (Pty) LTD
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2. INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS nr/EINECS nr/EC index	Symbol(s)	R-Phrase(s)
N-alkyl oléyl N, N-bishydroxyéthylamine	< 5 %	013127-82-7/236-062-2/ -----	C N	22-34-50
Tributyl phosphate	< 5 %	000126-73-8/204-800-2/ -----	Xn	22

3. IDENTIFICATION OF HAZARDS**Symptoms relating to use****Inhalation**

Overexposure to vapours may result in headache, cough.

Skin contact

Repeated or prolonged skin contact may cause irritation.

Eye contact

Eye irritant upon direct contact.

Ingestion

May cause sensitisation by skin contact. Must not come into contact with food or be consumed. Swallowing a small quantity of this material presents some health hazard. Abdominal pain, nausea.

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Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.

Skin contact

Wash skin thoroughly with mild soap and water. Seek medical attention if irritation develops.

Eye contact

Rinse immediately with plenty of water. Seek medical attention immediately.

Ingestion

Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES**Extinguishing media**

Carbon dioxide, foam.

Protection against fire

Wear proper protective equipment. Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures

Exercise caution when fighting any chemical fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Equip cleanup crew with proper protection.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

After spillage and/or leakage

Clean up any spills as soon as possible, using an absorbent material to collect it.

7. HANDLING AND STORAGE**Storage**

Store in dry, well-ventilated area. Keep container closed when not in use.

Handling

Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Personal protection****Respiratory protection**

Where exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.

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Gloves.

Skin protection

Wear proper protective clothing.

Eye protection

Goggles.

Ingestion

When using, do not eat, drink or smoke.

Industrial hygiene

Provide good ventilation in process area to prevent formation of vapour.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Reddish brown
Odour	Characteristic
pH value:	6.5
Density:	> 1
Solubility in water:	Complete

10. STABILITY AND REACTIVITY**Hazardous reactions**

None under normal conditions.

11. TOXICOLOGICAL INFORMATION**Rat oral LD50 [mg/kg]**

N-alkyl oléyl N,N-bishydroxyéthylamine: 200-2000 mg/kg

Tributyl phosphates: > 5000 mg/kg

Rabbit dermal LD50 [mg/kg]

Tributyl phosphates: > 5000 mg/kg

12. ECOLOGICAL INFORMATION**48 H-CE50 – Daphnia magna [mg/l]**

N-alkyl oléyl N,N-bishydroxyéthylamine: < 1 mg/L.

13. DISPOSAL CONSIDERATIONS**Disposal**

Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container at hazardous or special waste collection point. Avoid release to the environment

14. TRANSPORT INFORMATION**General information**

Not regulated.

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15. REGULATORY INFORMATION

Symbol(s)

None.

R Phrase(s)

None.

S Phrase(s)

None.

Warning

Table of the occupational diseases: n°34.

Safety advises

Special medical observation: concerned by the decree of 1997.07.11: organic compounds of phosphorus/amino derived compounds of hydrocarbon and derived compounds.

16. OTHER INFORMATION

Recommended uses and restrictions

See product bulletin for detailed information.

Print date

2004/04/09

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CHRYSO®Fluid Premia 100 must not be used for any purposes other than those specified under section 1 (identification of the substance/preparation and the company) without first obtaining written instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

The contents and format of this material safety data sheet are in accordance with EEC Commission Directive 2001/58/EC.