

# MATERIAL SAFETY DATA SHEET

Conforms to ISO 11014-1

## PRODUCT: SEALER COLOURED

### 1. Product and Company Identification

Commercial name of Product: **SEALER COLOURED**  
UN Number: **1866** C.A.S. number: Mixture

**Manufacturer:** **Chemicals & Research cc,**  
12 Regents Avenue,  
Anzac,  
BRAKPAN

**Supplier:** **Rystix Sales CC**  
P O Box 1053  
PORT ELIZABETH  
6000

**Emergency telephone number: +27 41 365 7172 Fax no: +27 41 365 6973**

### 2. Composition/Information on ingredients

Substance/preparation: Preparation  
Information on hazardous ingredients

| Chemical name             | CAS No.    | %       | Symbol | R-Phrases                |
|---------------------------|------------|---------|--------|--------------------------|
| Low aromatic white spirit | 63394-00-3 | 40 – 50 | F      | R10, R16, R18, R20/21/22 |
| Aromatic solvent          |            | 2 – 8   | F      | R10, R16, R18, R20/21/22 |
| Zirconium Octoate         | 15104-99-1 | 0.15    | Xi     | R10, R22-R36/R38-R43     |
| Calcium Octoate           | 136-51-6   | 0.20    | Xi     | R10, R22-R36/R38-R43     |
| Cobalt Octoate            | 36-57-7    | 0.05    | Xi     | R10, R22-R36/R38-R43     |

Occupational exposure limits, if available, are listed in section 8.

### 3. Hazards identification

Physical/chemical hazards: Flammable.  
Explosive when mixed with oxidizing substances.  
In use may form flammable/explosive air/vapour mixtures.

Human health hazards: Harmful by inhalation, in contact with the skin and if ingested.  
Irritating to the eyes.

Environmental hazards: Harmful to aquatic organisms.

### 4. First aid measures

#### Effects and symptoms

Inhalation: Slightly hazardous by inhalation (lung irritant).  
Ingestion: Slightly hazardous if ingested.  
Skin contact: Slightly hazardous in case of skin contact (irritant, sensitizer).  
Eye contact: Slightly hazardous in case of eye contact (corrosive, irritant).  
Aggravating conditions: None known.

#### First aid measures

Inhalation: Allow exposed persons to rest in a well-ventilated area.  
Ingestion: Do not induce vomiting. Rinse out mouth with copious quantities of water and obtain medical attention.  
Skin contact: Wash contaminated skin with water and soap.

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Eye contact: Check for and remove contact lenses and rinse the eyes with clean water. Obtain medical attention.

Note to Physician: Treat symptomatically.

Protection of first-aiders: Wear a surgical mask and latex gloves.

## **5. Fire fighting measures**

Suitable extinguishing media: Small fire: use dry powder,  
Large fire: use alcohol resistant foam, never use strong water jets.

Special fire-fighting procedures: Remove unaffected containers, if safe.  
Keep all persons up-wind from fire.

Unusual/explosion hazards: Unopened containers may explode if subjected to fire.

Hazardous thermal decomposition Products: Oxides of Carbon.

Protection of fire-fighters: Fire fighters should wear full turn-out gear and correct type respirators.

## **6. Accidental release measures**

Personal precautions: Splash goggles, gloves, boots, respirator, full suit.

Environmental precautions and clean-up methods: Do not allow spilt material to enter sewers or streams. Dyke in if necessary.  
Absorb spilt material onto a suitable absorbant and dispose of in an approved dump.

## **7. Handling and storage**

Handling: Use chemical resistant gloves to protect hands, together with splash goggles.

Storage: Store in a cool, dry place away from heat and sources of ignition

Suitable packaging materials: Sturdy metal containers.

## **8. Explosion controls/Personal protection**

Engineering controls: Provide adequate ventilation.  
Ensure that the correct type of eye wash station is in the vicinity of the work place.

Hygiene measurers: Wash hands before leaving the work place.

### **Occupational exposure limits:**

| Hazardous ingredients     | TLV/PEL  |
|---------------------------|--|
| Low aromatic white spirit | TWA: 200 ppm from ACGIH (1997) Inhalation, Respirable. |
| Aromatic solvent          | TWA: 100 ppm from ACGIH (1997) Inhalation, Respirable  |

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### 9. Physical and Chemical properties

|                                      |  |
|--------------------------------------|--|
| Physical state and appearance:       | Clear homogenous free-flowing liquid.  |
| Colour:                              | Colourless to dark straw.  |
| Odour threshold:                     | Not available.   |
| Boiling point:                       | >125°C.  |
| Melting point:                       | <0°C.  |
| Bulk density:                        | 0,86 @ 20°C.   |
| Vapour density:                      | Not available.   |
| Vapour pressure:                     | Not available.   |
| Evaporation rate:                    | >1 (Butyl Acetate =1)  |
| Solubility:                          | Soluble in solvents only.  |
| Octanol/water partition coefficient: | The product is more soluble in oil than in water.                                  |
| pH:                                  | N.A.   |
| Flashpoint:                          | 38°C (PMCC).   |
| Flammability:                        | Flammable.   |
| Auto ignition point:                 | Not known  |
| Explosion properties:                | Highly explosive in presence of fire and sparks.<br>Explosive in presence of heat. |
| Viscosity:                           | N.A.   |

### 10 Stability and reactivity

|   |  |
|---|--|
| Stability:                                  | Product is stable.   |
| Conditions to avoid/<br>materials to avoid: | Exposure to temperatures >60°C should be avoided.<br>Exposure to acids is to be prevented. |
| Hazardous reactions:                        | None known.  |
| Hazardous decomposition<br>products:        | Oxides of Carbon.  |

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## 11. Toxicological information

Acute data [LD50, LC50]  
Toxicity to test animals:

Acute oral toxicity for product > 2700 for Aromatic solvent [Rat].

### Local effects:

Skin irritation:

Non-corrosive to the skin.

Eye irritation:

Slightly hazardous in case of eye contact (irritant).

Sensitization:

Slightly hazardous in case of skin contact (sensitizer).

Chronic toxicity:

None known.

### Specific effects:

Carcinogenic effects:

None known.

Mutagenic effects:

Not available.

Reproduction effects:

Not available.

## 12. Ecological information

Mobility:

Slightly mobile in nature.

Persistence/degradability:

Product is not freely biodegradable.

Bioaccumulation potential:

Unknown.

Ecotoxicity:

Product is harmful to aquatic organisms.

## 13. Disposal considerations

### Methods of disposal

Waste or residues

Dispose of in accordance with national legislative requirements.

Contaminated packaging:

Dispose of in accordance with national legislative requirements.

## 14. Transport information

### International transport regulations

**UN number:**

**1866**

### Land - Road/Railway:

Proper shipping name:

Resin solution, flammable n.o.s. (Low aromatic white spirit & Aromatic solvent).

ADR/RID class:

3.

ADR/RID item number:

3.3

Packing group:

b.

Hazard identification number:

Not available.

ADR/RID label:

F

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## Sea:

|                                 |  |
|---------------------------------|--|
| Proper shipping name:           | Resin solution, flammable n.o.s. (Low aromatic white spirit & Aromatic solvent). |
| IMDG Class:                     | 3.3  |
| IMDG page no.:                  | 3279   |
| IMDG label:                     | F  |
| Medical First Aid Guide [MFAG]: | 310  |
| Emergency Schedule [EmS]:       | 3-05   |
| Marine pollutant:               | P  |

## Air:

|                       |  |
|-----------------------|--|
| Proper shipping name: | Resin solution, flammable n.o.s. (Low aromatic white spirit & Aromatic solvent). |
| UN/ID no.:            | <b>1866</b>  |
| IATA-DGR Class:       | Not available.   |
| IATA label:           | F  |

## 15. Regulatory information

|                   |  |
|-------------------|--|
| Hazard symbols:   | F, P   |
| Risk phrases:     | R10 Flammable,<br>R16 Explosive when mixed with oxidizing substances,<br>R18 In use it may form flammable/explosive air/vapour mixtures,<br>R20/21/22 Harmful by inhalation, in contact with the skin and if inhaled,<br>R36/38 Irritation to eyes and skin,<br>R43 May cause sensitivity by skin contact, |
| Safety phrases:   | S2 Keep out of reach of children,<br>S13 Keep away from food, drink and animal foodstuffs.<br>S46 If ingested seek medical attention and show this document,   |
| Child protection: | Prevent children access to this product.   |
| Contains:         | Low aromatic white spirit,<br>Aromatic solvent.  |

## 16. Other information

### History

|                   |            |
|-------------------|------------|
| Date of printing: | 2005.06.23 |
| Date of issue:    | 2005.06.23 |
| Version:          | 1.         |

### **E. & O.E.**

### NOTICE TO READER

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