

**MATERIAL SAFETY DATA SHEET****1. IDENTIFICATION OF PRODUCT AND COMPANY**

Product: Ronascreed 8 Day Overlay  
Company: Ronacrete (Far East) Ltd., 16/F, No. 3 Lockhart Rd,  
Wanchai, Hong Kong SAR  
Tel/Fax: +852 2865 5872 / +852 2865 5568

---

**2. COMPOSITION**

Chemical name	CAS No	Concentration (%w/w)
Sodium Nitrite	7632-00-0	<50%
Hazard Symbol	Risk Phrases	
	T 25: Toxic if swallowed	

---

**3. HAZARDS IDENTIFICATION**

Toxic if swallowed. May be toxic by inhalation. May be irritating to eyes. May be absorbed systemically in inhalation or ingestion after significant exposure. May be absorbed through the skin causing systemic toxic effects. Oxidising agent. Toxic to aquatic organisms.

---

**4. FIRST AID MEASURES**

Eye Contact: Flush eyes with copious amounts of water for 10 minutes. Seek medical advice if any irritation persists.  
Skin Contact: Remove contaminated clothing and wash before reuse. Wash skin with plenty of water. Seek medical advice if any irritation persists.  
Inhalation: If inhalation of high concentrations of mist should occur, remove victim from exposure. Obtain medical attention.  
Ingestion: Do not induce vomiting. Wash out mouth with water, give 200-300ml of water to drink and seek medical attention.  
Medical Advice: Administer oxygen if there are signs of cyanosis. If clinical condition deteriorates, 10cc of methylene blue intravenously (unlikely to be required with a methaemoglobin level of less than 40%). Intramuscular injection of 1mg vitamin B12 may also help.  
Delayed Effects: If exposure to nitrogen oxide fumes (decomposition products) is suspected keep under observation for at least 48 hours as delayed pulmonary oedema may develop.

---

**5. FIRE FIGHTING MEASURES**

Extinguishing Media: Product is water based and not combustible.  
Special Hazards: Drums and other containers of product exposed to fire may explode. These may be cooled with spray/fog equipment. May emit oxygen and toxic oxides of nitrogen if heated.  
Special protective equipment: Wear suitable clothing to prevent eye/skin contact occurring. Wear suitable breathing apparatus.

---

**6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Wear suitable protective clothing and goggles.  
Environmental Precautions: Do not allow product to enter drains or watercourses. Advice local authorities if this is not possible.  
Clean up Methods: Recover all spillages using absorbent materials. Once transferred to suitable containers hose down area with plenty of water.

---

**7. HANDLING AND STORAGE**

Handling: Avoid contact with eyes/skin. Wash contaminated clothing thoroughly before reuse.  
Storage: Protect containers from extremes of temperature. Do not store near foodstuffs.

---

## MATERIAL SAFETY DATA SHEET

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Good working practice suggests that suitable overalls, impervious gloves and goggles should be worn when handling this product.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Clear liquid  
Colour: Pale yellow  
Relative density: 1.22 to 1.26  
Boiling Point (°C): Decomposes above 200  
Solubility in water: Totally soluble in water

### 10. STABILITY AND REACTIVITY

Conditions to avoid: Extremes of temperature  
Materials to avoid: Acids, ammonium salts, cyanides, sodamide, acetates, thiocyanates, thisulphates, hypophosphites, amines and reducing agents.  
Hazardous decomposition Products: Oxygen, nitrogen oxides, formaldehyde and carbon oxides may be produced at elevated temperatures.

### 11. TOXICOLOGICAL INFORMATION

Inhalation and Ingestion: May cause congestion of the chest and heart burns accompanied by shortness of breath due to the escape of fluid in the lungs. Ingestion of large amounts may result in severe abdominal pain, vomiting, diarrhoea, convulsions and collapse. In severe cases greyish-blue discoloration of the skin and mucous membrane, rapid shallow breathing, lowered blood pressure and increased heart rate may result.  
Skin Contact: Repeated or prolonged skin contact may result in irritation. Sodium nitrite can be absorbed through the skin causing systemic toxic effects.  
Eye Contact: May cause irritation.

### 12. ECOLOGICAL INFORMATION

Mobility: The product is soluble with water and is expected to have high mobility in soil. All components have low volatility.  
Degradability: The components in the preparation are substantially biodegradable.  
Accumulation: The components in the preparation are not expected to bioaccumulate.  
Ecotoxicity: May be toxic to aquatic organisms if large quantities are discharged into surface waters. Advise local authorities if this should occur.

### 13. DISPOSAL CONSIDERATIONS

Disposal of product and contaminated containers by landfill in accordance with local, state or national regulations.

### 14. TRANSPORT INFORMATION

UN No: 1500  
Proper Shipping Name: Sodium Nitrite Mixture  
Class/Packing Group: 5.1/III  
Hazchem Code: I (Z)  
ADR/RID Item No: 23°C  
ADR/RID Hazard ID No: 50

**MATERIAL SAFETY DATA SHEET**

## 15. REGULATORY INFORMATION

Classification:	Toxic
Hazard Symbol:	T
Risk Phrases:	R25 – Toxic if swallowed
Safety Phrases:	S45 – In case of accident or if you feel unwell, seek medical advice immediately (show this information where possible).

## 16. OTHER INFORMATION

This Material Safety Data Sheet conforms to EC Directives 91/155/EEC and 93/112/EC.  
The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use.