

# Material Safety Data Sheet

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Issue date: October 2015

## ARDROX 8561 AEROSOL

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** ARDROX 8561 AEROSOL

**Use:** FLUORESCENT MAGNETIC INK

**CHEMETALL (AUSTRALASIA) PTY LTD**  
**17 TURBO DRIVE, BAYSWATER NORTH, VICTORIA 3153, AUSTRALIA.**  
**ACN. 074 869 015**  
**PH: 03 9729 6253 FAX: 03 9720 1711**

**CHEMETALL (NZ) LTD**  
**664 ROSEBANK ROAD, AVONDALE, AUCKLAND, NEW ZEALAND.**  
**PH 64-9-820-3888 FAX 64-9-820-3979**

**Emergency Advice All Hours:**

Technical manager ph 61(03) 9729 6253 (business hours) fx 61(03) 9720 1711

Emergency phone (all hours) 61(03) 9720 0370

(In New Zealand ph 64(09) 820 3888 in business hours, (64) 021 703418 after hours).

### 2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO THE CRITERIA OF NOHSC AUSTRALIA

**Hazard Category:** Harmful (Xn)

**Hazard Classification:** HAZARDOUS SUBSTANCE, DANGEROUS GOOD

**RISK PHRASES**

R65 May cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

**SAFETY PHRASES**

S23 Do not breathe fumes.

S24/25 Avoid contact with skin and eyes.

S37/39 Wear suitable gloves and eye/face protection.

S51 Use only in well-ventilated areas

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
HYDROCARBONS - LIQUID	Greater than 60% Mixture	
CARBON DIOXIDE	1 to 10%	124-38-9

All other ingredients not hazardous according to NOHSC Criteria.

### 4. FIRST AID MEASURES

**Swallowed:**

If swallowed, DO NOT induce vomiting. If victim is conscious give water to drink. Seek medical attention.

**Eye:**

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation persists, seek medical attention.

**Skin:**

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists seek medical attention.

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### **Inhaled:**

Remove victim to fresh air - Apply resuscitation if victim is not breathing - Obtain medical attention.

### **First Aid Facilities:**

Eye wash fountain, safety shower and normal wash room facilities.

### **Advice to Doctor:**

Treat symptomatically.

### **In case of poisoning, contact Poisons Information Centre**

**In Australia call Tel: 131126**

## 5. FIRE-FIGHTING MEASURES

### **Fire/Explosion Hazard**

If safe to do so, move undamaged containers from fire area.

#### **SMALL FIRE**

Use dry chemical, CO<sub>2</sub> or water spray to extinguish burning gas if safe to do so.

**DO NOT USE WATER JETS.**

#### **LARGE FIRE**

Cool container by directing flooding quantities of water onto upper surface until well after fire is out - **DO not** direct water at source of leak or venting safety devices as icing may occur, which could then cause a pressure build up and consequently an explosion could result.

Cool container and fight secondary fire from protected position or use unmanned hose holders - When impossible, withdraw immediately from hazard area and let burn.

Withdraw immediately in case of rising sound from venting safety devices or discolouration of tank - tank may explode.

**ALWAYS** stay away from tank ends.

Damaged containers should only be handled following expert advice.

### **FLAMMABILITY**

Avoid all sources of ignition, heat and naked flames.

## 6. ACCIDENTAL RELEASE MEASURES

**ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area).

- All equipment used when handling the product must be grounded.
- Fully encapsulating, vapour protective clothing should be worn for spills and leaks with no fire.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Do not direct water at spill or source of leak.
- Use water spray to reduce vapors or divert vapor cloud drift.
- If possible, turn leaking containers so that gas escapes rather than liquid.
- Prevent entry into waterways, sewers, basements or confined areas.
- Isolate area until gas has dispersed.

## 7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat, ignition, sparks, flames or electrical discharges. All equipment must be earthed. Store away from oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Exposure Standards**

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product:

#### **HYDROCARBONS - LIQUID**

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) Based on composition manufacturer recommends 200ppm for total hydrocarbon.

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### Engineering Controls

Absolutely no smoking or other sources of ignition. All valves, regulators, reticulation etc must be in good working order and should be checked regularly according to any National or International Standards or Manufacturers instructions. Maintain adequate ventilation. The use of natural ventilation systems are adequate unless the gas is being used in a process, then the use of a local exhaust ventilation system is recommended.

### Personal Protection Equipment

CLOTHING: Normal working overalls and footwear unless body contact is expected then PVC or Nitrile.

GLOVES: PVC or Nitrile if skin contact is expected.

EYES: Chemical goggles or faceshield to protect eyes if eye contact expected.

RESPIRATORY PROTECTION: Avoid breathing of vapours, mists or spray. Select and use respirators in accordance with AS/NZS 1715/1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Fine, fluorescent particles in colourless liquid. Slight hydrocarbon odour.
<b>Boiling Point:</b>	Initial 240deg C
<b>Specific Gravity:</b>	0.82
<b>Flash Point:</b>	115deg C (Closed Cup)
<b>Flammability Limits:</b>	0.6% - 7.0%
<b>Solubility in Water:</b>	Insoluble

## 10. STABILITY AND REACTIVITY

### STABILITY:

Stable under normal conditions of use.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Emits acrid smoke and fumes when heated to decomposition.

### HAZARDOUS POLYMERIZATION:

Will not occur.

### INCOMPATIBILITIES:

Oxidizing agents.

### CONDITIONS TO AVOID:

Heat, flames, ignition sources and incompatibles.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

### ACUTE HEALTH EFFECTS:

#### Swallowed:

May cause nausea, vomiting and diarrhoea. Expected to have a low level of toxicity.

#### Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

#### Skin:

Prolonged or frequent contact may cause irritation to the skin, with effects including; Redness, itchiness and the risk of developing dermatitis may exist.

#### Inhaled:

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

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### **Toxicological Data:**

There is no other toxicological information available for this product.

### **12. ECOLOGICAL INFORMATION**

There is no ecological information available for this product, however, the product should not be discharged into drains, sewers or waterways.

### **13. DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

### **14. TRANSPORT INFORMATION**

**UN Number:** 1950

**Proper Shipping Name:** AEROSOLS

**Dangerous Goods Class:** 2.1

**Packing Group:** None allocated

**Hazchem Code:** None allocated

### **15. REGULATORY INFORMATION**

**Poison Schedule:** None allocated

### **Inventory Status:**

Australia (AICS) All ingredients are on the inventory.

### **16. OTHER INFORMATION**

#### **Contact Point**

Technical manager ph 61(03) 9729 6253 fx 61(03) 9720 1711

Emergency phone (all hours) 61(03) 9720 0370

In New Zealand ph 64(09) 820 3888, (64) 021 703418 (A.H)

#### **Disclaimer**

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control Chemetall (Australasia) Pty Ltd and its associated companies does not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

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**Revision Date: October 2015**

**Supersedes : November 2014**  
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Reason For Revision:

New Emergency after hours contact number (Section 1 and 16)

**END OF MSDS**