

# PRODUCT SAFETY DATA

**Name:** Potassium Cyanide      **Warning Statement:** Toxic Substance

**Application:** Electroplating of Metals

## IDENTIFICATION OF SUBSTANCE/PREPARATION

**Material Name:** Potassium Cyanide Salts

**Manufacturer:** Balco Limited

**Health & Safety Contact - Tel No:** (+44) 121 554 1026

**Application:** Electroplating of Metals

## COMPOSITION/INFORMATION ON INGREDIENTS:

Contains Potassium Cyanide  
Harmful substance

## HAZARDS IDENTIFICATION

ACUTE EFFECTS - Very harmful if swallowed.

## FIRST AID MEASURES

If swallowed, rinse mouth with water - DO NOT SWALLOW

Induce vomiting, use antidote.

Seek medical assistance immediately.

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 5 minutes whilst removing contaminated clothing and shoes.

Assure adequate flushing of the eyes by separating the eyelids with fingers.

Discard contaminated clothes and shoes.

## FIRE-FIGHTING MEASURES

Flashpoint: None

Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## ACCIDENTAL RELEASE MEASURES

Wear self contained breathing apparatus, rubber boots and rubber gloves.

Ventilate area and wash spill site. For small spills, flush with Sodium Hypochlorite solution and rinse away with plenty of water.

## HANDLING & STORAGE

Wear chemically resistant gloves and safety glasses or goggles. Avoid prolonged skin contact. Do not re-pack in metal containers.

Wash thoroughly after handling.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear chemical resistant gloves and safety glasses or goggles.



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## PHYSICAL & CHEMICAL PROPERTIES

Appearance: White salt  
Odour: No Odour, pH 13.8 (10% solution)  
Flash Point: Not applicable  
Flammability: Not applicable  
Auto Flammability: Not applicable  
Boiling point/boiling range: 102 Celsius  
Melting point/melting range: Not applicable  
Explosive properties: Not applicable  
Solubility: Completely soluble.

## STABILITY & REACTIVITY

Incompatibilities: Strong acids  
Nature of decomposition products: In contact with acids, produces very TOXIC CYANIDE GAS.

## TOXICOLOGICAL INFORMATION

Toxic Substance - see Handling & Storage

## ECOLOGICAL INFORMATION

Destructive to the environment

## DISPOSAL CONSIDERATIONS

For typical package size of 1 litre used, add equal amount of Sodium Hypochlorite solution (18%) and wash away with copious quantities of cold water.

## TRANSPORT & LABELLING INFORMATION

Packaging Group: 1 Corrosive Substance Class 6.1  
UN Number: 1680  
Risk Phrases: 28, 26, 30  
Safety Phrases: 1, 2, 4, 13, 24, 26, 27, 28, 32

## REGULATORY INFORMATION

The information in this data sheet complies with the requirements of Control of Substances (Hazardous Information and Packaging)

Regulations 1994 CHIP2



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