

PRODUCT SAFETY DATA

Name: SILVER PLATE SOLUTION **Warning Statement:** TOXIC SUBSTANCE

Application: SILVER PLATING OF METALS

IDENTIFICATION OF SUBSTANCE/PREPARATION

Material name: Silver Solution

Manufacturer: Balco Limited

Health & Safety contact: Tel. No. (44) 0121 554 1026

Application: Silver plating of metals

COMPOSITION/INFORMATION ON INGREDIENTS:

Contains Silver 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 minute whilst removing contaminated clothing and shoes.

Assure adequate flushing of the eyes by separating the eyelids.

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.

PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear pale green liquid

Odour: No odour. pH: 3.8

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 and 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: I Corrosive substance Class 6.1

UN number: 1935

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

Document reference: BALCO/LS/CHIPSILVSOL