

## **PRODUCT SAFETY DATA**

Name: GOLD SOLUTION

Warning Statement: TOXIC SUBSTANCE

Application: GOLD PLATING OF METALS

## **IDENTIFICATION OF SUBSTANCE/PREPARATION**

Material Name: Gold Solution

Supplier: Cousins Tool Centre, Health & Safety Contact: Tel. No. (44) 0121 237 5600

Application: Gold plating of metals

## **COMPOSITION/INFORMATION ON INGREDIENTS**

Contains Gold 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 or shoes

Assure adequate flushing of 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 eyes and skin

## **ACCIDENTAL RELEASE MEASURES**

Wear self contained breathing apparatus, rubber boots and heavy rubber gloves. Ventilate area and wash spill site. For small spills, flush with Sodium Hypochlorite solution and rinse away with plenty of water.

## **HANDLING AND 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 CONTROL/PERSONAL PROTECTION**

Wear chemical resistant gloves and safety glasses or goggles

## **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear green liquid or purple or pink

Odour: No odour

pH 3.8

Flash point Not applicable

Flammability: Not applicable

Auto Flammability: Not applicable

Boiling point/boiling range: 102 C

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 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: 1588. CAS: 13967 505

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 & Packaging)

Regulations 1994 CHIP2