

# SAFETY DATA SHEET

SILVER DIP

UNICARE (CHEMICALS) LTD

## 1 Identification

### GHS Product Identifier

SILVER DIP

### Other means of identification

SILVER DIP

### Recommended use of the chemical and restriction on use

Professional use

### Supplier's details

Unicare (Chemicals) Ltd  
Aradhippou Industrial Area  
7101 Larnaca - Cyprus P.O Box 54088  
Tel.: +357 24531766, +357 24533765  
Fax: +357 24532111

### Emergency phone number

1401

## 2 Hazard(s) Identification

### Classification of the substance or mixture

Serious eye damage/eye irritation, Category 1 H318  
Harmful if swallowed, Ac. Tox 4  
Suspected of causing cancer, Carc. 2 H351  
Suspected of damaging the unborn child, Repr.2 H361d  
Harmful to aquatic life with long lasting effects, Aq. Chr. 3 H412  
Full text of H statements: see section 16

### GHS label elements

Danger



### Hazard Statements:

Harmful if swallowed  
Causes serious eye damage  
Suspected of causing cancer  
Harmful to aquatic life with long lasting effects  
Suspected of damaging the unborn child.

### Precautionary Statements:

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.

Read label before use.

Wash hands thoroughly after handling.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.

IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Store locked up.

Dispose of contents/container to local/National International regulations

IF exposed or concerned: Get medical advice/ attention.

#### **Other hazards which do not result in classification**

No additional information available

### **3 Composition/Information on Ingredients**

#### **Mixture**

Description	- CAS Number - EINECS Number - Reach registration number	Concentration (% w/w)	Note / Classification
Thiourea	62-56-6 200-543-5 N/A	1-10	Carc. 2, H351; Repr. 2, H361d; Aquatic Chronic 2, H411; Acute
Sulfuric Acid	7664-93-9 231-639-5 N/A	1-5	Skin Corr. 1A, H314

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

### **4 First-aid Measures**

#### **Description of necessary first-aid measures**

After inhalation: Move to clean air, in case of inconvenience call a physician.

After skin contact: Generally the product causes severe skin burns. Rinse area of contact under running water for several minutes.

After eye contact: Rinse opened eye for several minutes under running water. Wash eyes under running water for a long time and open the eyelids.

#### **Most important symptoms/effects, acute and delayed**

No other relevant information is available

#### **Indication of immediate medical attention and special treatment needed, if necessary**

No additional information is available

## 5 Fire-Fighting Measures

### Suitable extinguishing media

Suitable extinguishing media : CO2, fire extinguishing powder or high-pressure water jet. Combat fire with large dimensions ejection of high pressure water or alcohol-resistant foam.

### Specific hazards arising from the chemical

No other relevant information is available.

### Special protective actions for fire-fighters

No special measures are required

## 6 Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Not necessary

### Environmental precautions

Do not empty into drains or the aquatic environment.  
In case of diverting into the aquatic environment or in the sewage system, notify the competent authorities.  
Do not empty into drains and surface water. It must not penetrate the earthy waters.

### Methods and materials for containment and cleaning up

It is collected with binders for liquids . (Sand, pylonite deposits, acid binders, binders in general, Sawdust).  
Ensure adequate ventilation.

## 7 Handling and Storage

### Precautions for safe handling

Ensure good ventilation / intake of air at workplace.  
Avoid spraying.

### Conditions for safe storage, including any incompatibilities

No special precautions are required

### Conditions for safe storage, including any incompatibilities

**Storage:**

**Requirements for storage rooms and vessels:** No special requirements.

**Storage:** No special requirements

**Further information about storage conditions:** None

## 8 Exposure Controls/Personal Protection

### Control parameters

Occupational control limits	
7664-93-9 Sulfuric Acid	
TWA (GR)	Long Term exposure Limit: 0,05 mg/m <sup>3</sup>
IOELV (EU)	Long Term exposure Limit: 0,05 mg/m <sup>3</sup>

### Appropriate engineering controls

No other relevant information is available

## Individual protection measures

### **General protective and hygienic measures:**

Keep away from food, drink and animal feed.  
Immediately remove dirty, wet clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with eyes and skin.

### **Respiratory protection:**

Use a filter respirator for a short or small charge for a strong or prolonged exposure to respiratory protective device irrespective of surrounding air.

### **Protection of hands:**



Protective gloves.

The material of the gloves should be impermeable and resistant to the product (s)/preparation.  
Due to non-testing, no glove material can be proposed for the product  
Preparation / chemical mixture.

Select the material of the glove taking into account transit times, permeability degree and degradation.

### **Material of gloves**

The choice of the suitable glove depends not only on the material but also on the extra features  
Quality, which vary according to the manufacturer.

### **Penetration time of glove material**

The exact passage time is announced by the manufacturer of the protective gloves and should be indicated and kept always.

### **Eye protection:**



Protective goggles absolutely fit.

## **9 Physical and Chemical Properties**

### Physical and chemical properties

Physical state	:	Liquid
Appearance	:	Liquid.
Colour	:	Colourless
Odour	:	Not determined
Odour threshold	:	No data available
pH	:	0.5-1.5
Melting point	:	Not determined
Freezing point	:	No data available
Boiling point	:	Not determined
Flash point	:	Not determined
Relative evaporation rate (butylacetate=1)	:	No data available
Flammability (solid, gas)	:	Not determined.

Vapour pressure	:	Not determined
Relative vapour density at 20 °C	:	No data available
Relative density	:	Not determined
Density	:	1.02-1.03 kg/m <sup>3</sup>
Molecular mass	:	Not determined
Solubility	:	Soluble in water
Log Pow	:	Not determined
Auto-ignition temperature	:	Not determined
Decomposition temperature	:	Not determined
Viscosity, kinematic	:	Not determined
Viscosity, dynamic	:	Not determined
Explosive limits	:	Not determined
Explosive properties	:	Not determined
Oxidising properties	:	Not determined

## 10 Stability and Reactivity

### Chemical stability

It does not decompose if used properly.

### Possibility of hazardous reactions

No dangerous reaction known.

### Conditions to avoid

No other relevant information is available.

### Incompatible materials

No other relevant information is available.

### Hazardous decomposition products

No hazardous decomposition products known.

## 11 Toxicological Information

### Toxicological (health) effects

#### **Acute Toxicity**

#### **Important LD / LC50 classification**

#### **62-56-6 thiourea**

Oral LD50 125 mg / kg (rat)

Skin LD50 2800 mg / kg (rabbit)

#### **Initial irritation:**

Skin corrosion and irritation Not irritant.

Serious eye damage / eye irritation Not irritant.

Respiratory sensitization or sensitization of the skin: No sensitization is known.

#### **Additional toxicological information:**

The product is presented according to the Calculation of EC Classification Guidelines for preparations, as in the latest version, the following risks: CMR effects (carcinogenicity, mutagenicity and reproductive toxicity) Carc. 2, Repr. 2

### Information on the likely routes of exposure

No other relevant information is available

### Symptoms related to the physical, chemical and toxicological characteristics

No other relevant information is available

**Delayed and immediate effects and also chronic effects from short and long term exposure**

No other relevant information is available

**Numerical measures of toxicity (such as acute toxicity estimates)**

No other relevant information is available

**Interactive effects**

No other relevant information is available

**Where specific chemical data are not available**

No other relevant information is available

**Mixtures**

No other relevant information is available

**Mixture versus ingredient information**

No other relevant information is available

**Other information**

No other relevant information is available

## 12 Ecological Information

**Toxicity**

No other relevant information available.

**Persistence and degradability**

No other relevant information available.

Biotoxic effects:

Remark: Harmful to fish.

Further ecological indications:

General instructions:

Dangerous for the aquatic environment - Class 2 (our assessment): dangerous

May not penetrate into groundwater, discharge into aquatic environment or drainage.

Dangerous for drinking water even when small quantities are released into the subsoil.

Harmful to aquatic organisms.

**Bioaccumulative potential**

No other relevant information available.

**Mobility in soil**

No other relevant information is available.

**Other adverse effects**

No other relevant information available.

## 13 Disposal Considerations

**Disposal methods**

**Recommendation:** Can not be deposited with common waste. Do not empty into drains.

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

## 14 Transport Information

**UN Number**

UN1760

**UN Proper Shipping Name**

Sodium Hydroxide Solution

**Transport hazard class(es)**

8 - Class 8 - Corrosive material 49 CFR 173.136

**Packing group, if applicable**

II - Medium Danger

### **Environmental hazards**

8 - Corrosive

### **Special precautions for user**

8 - Corrosive



### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

DOT Packaging Bulk (49 CFR 173.xxx) :	2
	4
	2

## **15 Regulatory Information**

### **Safety, health and environmental regulations specific for the product in question**

No additional information available

## **16 Other Information**

### **Other information**

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OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to your employees.

Full text of H-statements: see section 16:

H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H402	Harmful to aquatic life

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