

Safety Data Sheet (SDS)

SILVER DIP 4000

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name SILVER DIP 4000
Product Code 4000

Company e-hygiene systems ltd
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2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENT

Hazardous Ingredient	CAS	EINECS	Risk	Range
IPA	67-63-0	200-661-7	F; R11 Xi; R40 R67	<1%
THIOUREA	62-56-6	200-543-5	Xn; R22 R40 R63 N; R51/53	1-10%

3. HAZARD IDENTIFICATION

Limited evidence of a carcinogenic effect. Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

(Symptoms)

Skin Contact: There may be mild irritation at the site of contact.

Eye Contact: There may be irritation and redness.

Ingestion: There may be soreness and redness to the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

(Action)

Skin Contact: Wash immediately with plenty of soap and water.

Eye Contact: Bathe eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Contact a Doctor.

5. FIRE FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection detail. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking container leak-side up to prevent the escape of liquid.

Environmental precautions: Do NOT discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedure: Absorb into dry earth or sand. Transfer to closeable container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.
Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: IPA TWA 400ppm (980mg/m³) 8 STEL 500ppm(1225mg/m³) S
Respiratory protection: Respiratory protection is not required.
Hand protection: Protective gloves.
Eye protection: Safety glasses. Ensure eye bath is to hand.
Skin protection: Protective clothing.

9. PHYSICAL/CHEMICAL PROPERTIES

State: Liquid
Colour: Blue
Odour: Characteristic odour
Solubility in water: Soluble
Viscosity: Non-viscous

10. STABILITY & REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Heat
Materials to avoid: Strong oxidizing agents, strong acids.
Hazardous products of decomposition: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: THIOUREA, IPR RAT LD50 436 mg/kg, ORL RAT LD50 125 mg/kg
Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.
Persistence and degradability: Biodegradable.
Bioaccumulative potential: No Bioaccumulation potential.
Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID: UN no. 3082. ADR class: 9
Packing Group: III **Classification code:** M6
Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (THIOUREA)
Labelling: 9 **Hazard ID:** 90
IMDG / IMO: UN no. 3082. Class: 9
Packing group: III **EmS:** F-A,S-F
Marine pollutant: Labelling: 9

Issue Date: 07/03/08 *Revision No./Date 1 / 07/03/08*

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IATA / ICAO: UN no. 3082. Class 9
Packing group: III
Packing instructions: 914
Labelling: 9

15. REGULATORY INFORMATION

Hazard symbols: Harmful

Risk phrases: R40: Limited evidence of a carcinogenic effect. R52/53: Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

Safety phrases: S2: Keep out of the reach of children. S29: Do not empty into drains. S36/37: Wear suitable clothing and gloves.

NOTE: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in Section 2: R11: Highly flammable. R36: Vapours may cause drowsiness and dizziness. R22: Harmful if swallowed. R40: Limited evidence of a carcinogenic effect. R15/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R63: Possible risk of harm to an unborn child.

The data contained in this Safety Data Sheet has been supplied for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

PLEASE ENSURE THAT IT IS PASSED TO THE APPROPRIATE PERSON(S) IN YOUR COMPANY, WHO ARE CAPABLE OF ACTING ON THE INFORMATION.

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