

**SILROX - 10TM**
ED009**MATERIAL SAFETY DATA SHEET**
SDS/MSDS**Advanced Hydrogen Peroxide Silver Stabilized Disinfectant Solution-SILROX-10**
(suitable for Aerial fumigation, Surface disinfection, Instrument Disinfection & Water Disinfection)**1. Identification of the substance/mixture and of the company/undertaking**Product name **SILROX-10 (ED009)****1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Industrial & for professional use only.

1.3 Details of the supplier of the safety data sheetCompany : Central Drug House (P) Ltd
7/28 Vardaan House
New Delhi -110002 INDIATelephone : +91 11 49404040
Email : care@cdhfinechemical.com**1.4 Emergency telephone number**

Emergency Phone # : +91 11 49404040 (9:00am - 6:00 pm) [Office hours]

2. COMPOSITION/INFORMATION ON INGREDIENTS

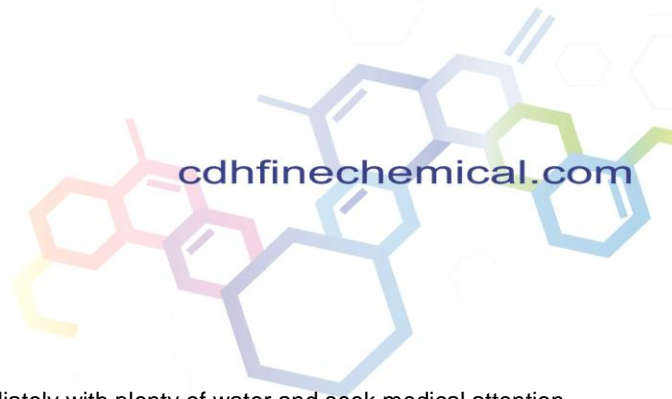
The ingredients at their given percentages in this product are not considered hazardous to your health.

Components	CAS Number	Weight %
Hydrogen peroxide	7722-84-1	10
Silver nitrate	7761-88-8	0.01

3. HAZARDS IDENTIFICATION

Principle routes of exposure :

Oral : Can irritate the tissues of mouth, oesophagus, and other tissues of the digestive system. Symptoms of over exposure can include vomiting, diarrhea and nausea.**Eye contact** : Severe irritant to the eyes.**Skin contact** : Causes skin irritation.**Ingestion** : Ingestion of this material may cause nausea, vomiting and diarrhea.**Inhalation** : Inhalation of mist or vapors may be severely irritating to the nose and throat.**Physico – chemical properties** : This product may cause eye, skin or respiratory irritation.



4. FIRST AID MEASURES

- Eye contact** : In the case of contact with eyes, wash immediately with plenty of water and seek medical attention.
- Ingestion** : Wash mouth and throat immediately with plenty of water and seek medical attention.
- Inhalation** : Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.
- Skin contact** : In the case of contact with skin, wash immediately with plenty of water and seek medical attention..

5. FIRE – FIGHTING MEASURES

- Flash point (°C)** : Not determined.
- Autoignition temperature** : Not determined.
- Flammable limits in air - lower (%)** : Not determined.
- Fire fighting information** :
- Suitable extinguishing media** : Use water, dry chemical, carbon dioxide or chemical foam.
- Extinguishing media which must not be used for safety reasons** : None.
- Special protective equipment for firefighters** : Wear self-contained breathing apparatus for fire fighting if necessary.
- Hazardous combustion products** : Carbon dioxide and carbon monoxide

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Avoid inhalation of mist or vapours. Wear eye protection if necessary.
- Environmental precautions** : No special environmental precautions required.
- Methods for cleaning up** : Flush with plenty of water.

7. HANDLING AND STORAGE

- Handling :**
- Technical measures/precautions** : Wear appropriate protective material.
- Safe handling advice** : Avoid breathing vapours or mist. Avoid contact with eyes.
- Storage :**
- Technical measures/storage conditions** : Store at R. T. away from heat and light.
- Incompatible products** : Avoid contact with strong acids and bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Eye protection** : Safety glasses required.
- Hand protection** : Wear Latex/ Nitrile gloves.
- Skin and body protection** : Wear appropriate protective material.
- Respiratory protection** : Wear appropriate protective material.
- Other/general protection** : Not required.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Clear liquid
Physical state	: Liquid
Colour	: Colourless
pH	: 1.5 – 2.5
Water Miscibility	: Miscible (Clear Solution)

10. STABILITY AND REACTIVITY

Chemical stability	: Stable under recommended storage conditions.
Hazard polymerization	: Hazardous polymerization does not occur.
Hazardous decomposition products	: Unknown on product.
Materials to avoid	: Strong acids and bases.
Conditions to avoid	: Direct exposure to heat and sunlight.

11. TOXICOLOGICAL INFORMATION

Local effects

Oral	: Unknown on product.
Eye irritation	: Severe irritant to the eye.
Skin irritation	: May cause skin irritation in sensitized individuals.
Inhalation	: Inhalation of mist or vapours may cause irritation to the nose and throat.

Chronic toxicity

Oral	: Not determined.
Inhalation	: Not determined.
Dermal	: Not determined.

Specific effects

Corrosive effects	: Not determined.
Target organ effects	: Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects	: This product has no known eco – toxicological effects.
Aquatic toxicity effects	: This product has no known aquatic toxicological effects.
Mobility	: Unknown on product.
Persistence / degradability	: Unknown on product.
Bioaccumulation	: Unknown on product.
Degradation	: Unknown on product.

13. DISPOSAL CONSIDERATIONS

This product may be disposed off in accordance with the regulations laid down by the local regulatory authority.



14. TRANSPORT INFORMATION

DOT : Not Applicable

IATA/ICAO : Not Applicable

15. REGULATORY INFORMATION CAS No.

: Not applicable. **Labeling**

: For External Use Only.

Safety Phrases : Avoid contact with the mucous membrane. In case of contact, wash immediately with plenty of water and seek medical attention.

16. Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.cdhfinechemical.com for additional terms and conditions of sale.