



Ljungby Fuktkontroll & Sanering AB
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CLEANZIP

MATERIAL SAFETY DATA SHEET, 16-SECTION

Release Date: 1 January 2014, Updated: 15 July 2019

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND MANUFACTURE

1.1 Product Name Product Name:

CleanZip

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Function: Disinfectant. Usage: Drinking water disinfectant. Surface disinfectant. Relevant identified uses: Disinfection of drinking water. Disinfection of surfaces.

1.3 Details of the supplier of the safety data sheet:

Company name: Ljungby Fuktkontroll & Sanering AB Address: Skinnarevägen 1 Zip and City: 341 42 Ljungby Country: Sweden Telephone: +46 372 10010 Email: kontoret@ljungbyfuktkontroll.se URL <https://www.lfs-web.se> Reg No: 556766-0435 Contact: Jerker Andersson

1.4 Emergency telephone Emergency Phone:

+46 705 307262 or Emergency Response Center in your country

SECTION 2: HAZARD CLASSIFICATION

2.1 Classification of the substance or mixture

Substance/mixture hazardous properties: Not considered hazardous. The product is assessed as non harmful.

2.2 Labeling Data Hazard symbol:

Does not require labeling. Risk phrases: None. Safety phrases: Ingestion: Safe to ingest. Eye: Safe to use. Skin: Safe to use on skin. Inhalation: No hazard.

Description on the label:

Ionized silver, 10mg/liter. Deionized water.



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2.3 Other hazards Description of risk:

No fire or explosion hazard. Health Effects: No known negative health effects. Environmental: The product is classified as not dangerous for the environment. Very large discharge to the sewer may cause slight environmental impact from silver ions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures Subject Identification:

Colloidal silver

Description of the mixture:

Silver: CAS No. : 7440-22-4, EC no: 231-131 – 3

Proportion (%) Silver 0,001, Water 99,999.

Deionized water with silver ions 10mg/liter. 10 PPM. +/- 10%. The product is an aqueous solution.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures General:

No special practices required. Inhalation: No special practices required. Skin: No special practices required. Eye contact: Flush eyes with water (20-30 ° C), consult a doctor if discomfort continues. Ingestion: No special practices required. Not harmful for eyes. Recommended personal protective equipment for persons giving first aid: No special practices required.

4.2 Other information:

Not specified.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Product is 99,999% water.

Nonflammable.

5.2 Special hazards arising from the substance or mixture. Fire and explosion hazards:

The product is nonflammable. Hazardous Combustion: None.

5.3 Advice for firefighters:



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Personal: No special practices required. Extinguishing Methods: No special firefighting procedures given.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Personal: Avoid prolonged contact with eyes.

6.1.1 For non-emergency personnel:

Protective gloves for prolonged handling. For emergency responders when cleaning up spillages: Gloves for prolonged handling.

6.2. Environmental precautions:

For larger spills or discharges, keep away from drains, surface water, groundwater or soil. Contain spillages with sand, earth or any suitable adsorbent material. Inform the local authorities of large spills.

6.3 Methods and materials for containment and cleaning up:

Methods for cleaning up: Small spills are washed away with plenty of water. Large quantities are collected with absorbent materials, wood shavings, sand or similar and provided to the authorities under proper waste disposal rules.

6.4 Reference to other section:

Other notes: Individual protection measures, such as personal: Protective equipment: See Section 8.
Waste treatment: See section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

No special practices required.

7.2 Conditions for safe storage, including any incompatibilities:

Store dry at room temperature, avoid direct sunlight and high heat. Store at maximum 40 ° C. Storage stability: Keeps in the original package for at least 48 months.

7.3 Specific end uses:

Specific use: The identified uses for this product are detailed in Section 1.2.



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SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control Parameters:

Hygienic exposure limits: Classification/Identification: Colloidal silver in deionized water Synonyms:
CAS No. : 7440-22-4, EC no: 231-131 – 3

8.2 Exposure Safety Signs:

Not required. Respiratory protection: Respiratory protection not required. Use protective gloves under prolonged handling. Suitable materials: Plastic gloves. Eye protection: Not required. Skin: Not required. Applicable environmental exposure control. Environmental exposure: No special practices required. Handling: Always follow the directions for the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical form: Liquid. Color: Colorless. Odor: Odorless. pH Value: Approximately 6.5.

Melting Point: 0 ° C. Boiling point: 100 ° C. Flash Point: Not applicable. Evaporation rate: No data. Flammability (solid, gas): None. Explosion limits: Not explosive. Vapor Pressure: Not applicable. Relative density Value: ~ 1000 kg / m³. Description Solubility: Soluble in water. Other physical and chemical properties: Comments: No further comments.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

None known. Reactivity hazards associated with this product: Hazardous decomposition products: None.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Toxicological information: Other toxicological data: Not available for preparation.

Toxicological data from content: Content: Silver Ions in water.



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Acute toxicity: Inhalation: No hazard. Skin: No hazard. Eye: May irritate eyes under prolonged contact. Ingestion: No hazard. Other information regarding health hazards: Generally Not Harmful. Estimation of the mixture of acute toxicity: Oral: No hazard. Delay/Repeat: Specific target organ toxicity - single exposure: No hazard. Specific target organ toxicity - repeated exposure: No hazard. Carcinogenic, mutagenic and toxic risk for reproduction: Carcinogenicity: No known chronic or acute health risks. Reproductive toxicity: No known chronic or acute health risks. Properties harmful to the fetus: No known chronic or acute health risks. Reproductive toxicity: No known chronic or acute health risks.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

N.A.

12.2 Other adverse effects Environmental details, conclusion:

Eco toxicity: There are no substances classified as an environmental hazard in the product in small quantities.

SECTION 13: WASTE TREATMENT

13.1 Waste treatment. Specify the appropriate methods of disposal:

Small amounts can be flushed into the sewer together with water (1:100). Large amounts are to be disposed of according to local regulations concerning chemical waste. Other Information: Used packaging can be recycled or incinerated.

SECTION 14: TRANSPORT INFORMATION

14.1 Classification:

Not classified as dangerous goods.

SECTION 15: REGULATORY

15.1 Regulation/legislation specific for the substance or mixture when it comes to safety, health and environment:

The product is registered with the Swedish Chemicals Agency KEMI.



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SECTION 16: OTHER INFORMATION

List of relevant R/S phrases (Section 2 and 3):

S2 - Keep away from children S25 - Avoid prolonged contact with eyes