

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name CleanRite Sanitiser

Other means of identification

Synonyms None

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

Recommended Use Anti-Microbial Agent

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name CF Pharma Ireland Ltd

Supplier Address Unit 73B
Hebron Industrial Estate
Kilkenny
Ireland

Supplier Phone Number Phone: ++353 51 439010

Supplier Email info@cfpharma.ie

Emergency telephone number

Company Emergency Phone Number ++ 353 86 8519819

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

This substance/mixture is not considered hazardous by the Regulation (EC) No 1272/2008

Label elements, including precautionary statements as per CLP

Appearance Clear

Physical state Liquid

Odour Mild hypochlorous odour

Precautionary Statements - Prevention

None

Precautionary Statements - Response

None

Precautionary Statements - Storage

Store at Room Temperature between 4° and 25°C away from heat and direct sunlight.
Do not allow to freeze. Do not transfer into another container.

Precautionary Statements - Disposal

None

Hazards not otherwise classified (HNOC)

None to note

Unknown Toxicity

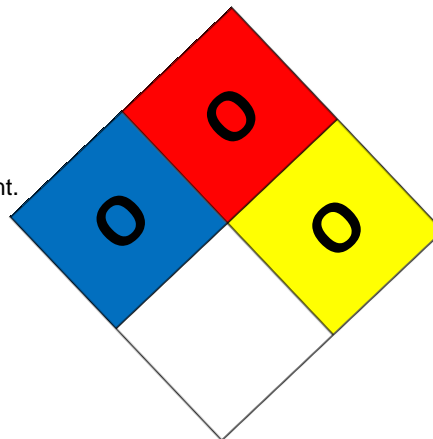
0 % of the mixture consists of ingredient(s) of unknown toxicity

Other information

None to Note

Interactions with Other Chemicals

No information available.



3. COMPOSITION/INFORMATION ON INGREDIENTS

The product Hydrogel format is a topical solution 250ppm, with an acceptable tolerance 240ppm to 260ppm and consists of the following:

| Hypochlorous Acid – Liquid Formulation | | | |
|--|--------------------|-------------------|-----------|
| Ingredient | Content in Product | Role of Component | CAS No. |
| Hypochlorous acid (active chlorine) | 0.25 g / L | Active Substance | 7790-92-3 |
| Ionized water | 999.16 g / L | Excipient | 7732-18-5 |
| Sodium chloride | 0.6 g / L | Excipient | 7647-14-5 |

The product contains no substances which at their given concentration, are considered to be hazardous to health

COMMENTS: Product composition ranges shown are typical values for health, safety and environmental use and are not intended as specifications.

4. FIRST AID MEASURES

First aid measures

| | |
|---------------------|---|
| Eye contact | Although this product is not known to cause eye irritation, seek medical advice if irritation develops or persists. |
| Skin contact | Although this product is not known to cause skin irritation, seek medical advice if irritation develops or persists |
| Inhalation | Although this product is not known to cause respiratory problems, seek medical advice if breathing difficult develops or persists. |
| Ingestion | Although this product is not known to cause ingestion problems, if ingested, drink plenty of tap water. Seek medical advice if gastric distress develops. |

Most important symptoms and effects, both acute and delayed

| | |
|--|---------------------------|
| Most Important Symptoms and Effects | No information available. |
|--|---------------------------|

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions None to Note

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Store at room temperature between 4° and 25°C away from heat and direct sunlight. Do not allow to freeze. Do not transfer into another container.

Incompatible Products Low pH Acids which may cause hazardous gas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection If exposure limits are exceeded or irritation is experienced, CEN approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | | | |
|-----------------------|--------------------|------------------------|--------------------------|
| Physical state | Liquid | Odour | Mild Hypochlorous Odour |
| Appearance | Clear | Odour Threshold | No Information Available |
| Colour | Clear / Colourless | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks</u> | <u>Method</u> |
|--------------------------------------|-----------------|----------------|---------------|
| pH | 7 (Neutral) | None known | |
| Melting / freezing point | 0°C | None known | |
| Boiling point / boiling range | 100 °C / 212 °F | None known | |
| Flash Point | 5001 C / 9034 F | None known | |

| | | |
|--|------------------------|------------|
| Evaporation Rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limit in Air | | |
| Upper flammability limit | No data available | |
| Lower flammability limit | No data available | |
| Vapour pressure | No data available | None known |
| Vapour density | No data available | None known |
| Specific Gravity | 1 | None known |
| Water Solubility | Hydrogel fully soluble | None known |
| Solubility in other solvents | No data available | None known |
| Partition coefficient: n-octanol/water | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |
| Explosive properties | No data available | |
| Oxidizing properties | No data available | |

Other Information

| | |
|----------------------------|-------------------|
| Softening Point | No data available |
| VOC Content (%) | 0 |
| Particle Size | No data available |
| Particle Size Distribution | No data available |

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Low pH Acids which may cause hazardous gas.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|--------------|---|
| Inhalation | Not Available |
| Eye contact | No known hazards in normal use |
| Skin contact | No known hazards in normal use |
| Ingestion | Specific test data for the substance or mixture is not available. |

Component Information No information available

Information on toxicological effects

Symptoms No known hazards in normal use

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No known hazards in normal use

Mutagenic Effects No known hazards in normal use

Carcinogenicity Contains no ingredient listed as a carcinogen.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Target Organ Effects None known.

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

Dilute with water and flush to sewer if local ordinances allow, otherwise, whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

- No Specific Transport Requirements are necessary.

15. REGULATORY INFORMATION

International Inventories

Special Provisions:

EU Regulations:

Health, safety and environment information shown on the label according to EU directives:

16. OTHER INFORMATION

Prepared By

CF Pharma Ireland Ltd
Unit 73B, Hebron Industrial Estate
Kilkenny
Ireland

Revision Date

5th April 2020

Revision Note

No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet