

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

**Product identifier**

**Product Name** CleanSmart

**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** Cloudy

**Physical state** Hydrogel

**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**

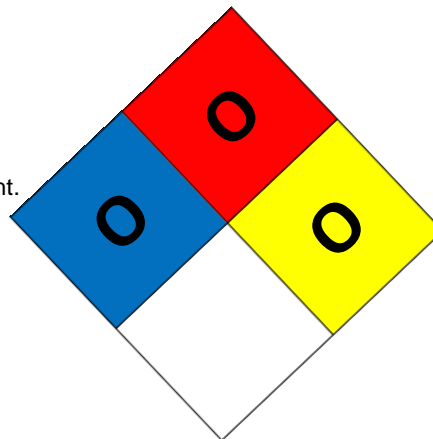
0 % of the mixture consists of ingredient(s) of unknown toxicity

**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 260ppm, with an acceptable tolerance 260ppm to 280ppm and consists of the following:

Hypochlorous Acid – Hydrogel Formulation			
Ingredient	Content in Product	Role of Component	CAS No.
Hypochlorous acid (active chlorine)	0.26 g / L	Active Substance	7790-92-3
Ionized water	982.83 g / L	Excipient	7732-18-5
Sodium chloride	0.6 g / L	Excipient	7647-14-5
Sodium Magnesium Fluorosilicate	15 g / L	Excipient	85085-18-3
Monosodium Phosphate	1.827 g / L	Excipient	7558-80-7

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

<b>Eye contact</b>	Although this product is not known to cause eye irritation, seek medical advice if irritation develops or persists.
<b>Skin contact</b>	Although this product is not known to cause skin irritation, seek medical advice if irritation develops or persists
<b>Inhalation</b>	Although this product is not known to cause respiratory problems, seek medical advice if breathing difficult develops or persists.
<b>Ingestion</b>	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

<b>Most Important Symptoms and Effects</b>	No information available.
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**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

<b>Physical state</b>	Hydrogel	<b>Odour</b>	Mild Hypochlorous Odour
<b>Appearance</b>	Clear	<b>Odour Threshold</b>	No Information Available
<b>Colour</b>	Clear / Colourless		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks</u></b>	<b><u>Method</u></b>
<b>pH</b>	7 (Neutral)	None known	
<b>Melting / freezing point</b>	0°C	None known	
<b>Boiling point / boiling range</b>	100 °C / 212 °F	None known	
<b>Flash Point</b>	5001 C / 9034 F	None known	

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

**Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	0
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	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**

<b>Inhalation</b>	Not Available
<b>Eye contact</b>	No known hazards in normal use
<b>Skin contact</b>	No known hazards in normal use
<b>Ingestion</b>	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**

5<sup>th</sup> 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**