

1. PRODUCT NAME AND COMPANY IDENTIFICATION		
Product Name:	OCuSOFT® HypoChlor™ liquid spray	
Product Description:	Electro-chemically activated solution of sodium chloride. (0.9% or less)	
Product Use:	OTC	
Company Name:	OCuSOFT Inc.	
Company Address:	30444 Southwest Freeway Rosenberg, TX 77471	
Date Issued:	06/01/2015	
Emergency Telephone Number:	800-233-5469 for product information 800- 222-1222 for Poison Control Center	
2. HAZARDS IDENTIFICATION		
HMIS Hazard Rating: Health = 0 Flammability = 0 Physical = 0 Reactivity = 0		
Routes of Entry		
Eye Contact:	If solution gets into eyes flush thoroughly with water.	
Skin Contact:	No known hazard under normal condition of use. If skin irritation occurs, discontinue use.	
Ingestion:	For external use only, if swallowed seek medical help or contact a poison control center right away.	
Inhalation:	No known hazard under normal condition of use.	
3. COMPOSITION/INGREDIENT INFORMATION		
Component(s)	CAS#	% wt
Water	7732-18-5	≥99%
Hypochlorous Acid	7790-92-3	≤0.02%
The product contains no hazardous components.		
The product contains 200±ppm Free Available Chlorine (FAC).		
Toxicity and exposure limits to Chlorine:		
TLV/TWA: 1 ppm (3mg/cubic meter)		
TLV/STEL: 3 ppm (9mg/cubic meter)		
Acute Oral LD50 in rats' g/kg 1.26 – 2.0		
Dermal LD50 in rats' g/kg 1.26 – 2.0		

4. FIRST AID MEASURES

Under normal use conditions the likelihood of any adverse health effect is low.

Exposure Limits: No exposure limits established for the product by ACGIH or OSHA.

Skin Contact: If irritation occurs, wash affected area with water.

Eye Contact: If irritation occurs, flush eyes with water.

Ingestion: Drink an 8 oz. glass of water.

Inhalation: if breathing problems develop, move away from product and into fresh air.

Medical conditions generally recognized as being aggravated by exposure to Product: NA

Primary route(s) of exposure: Inhalation of product vapors or fumes is the most common route of exposure in occupational settings.

Developmental/Reproductive Toxicity: No conclusion has been made based on human and animal studies.

Carcinogenicity: No conclusion on the carcinogenicity of chlorine has been made based on the limited information available from human and animal studies. Neither the product nor any of its constituents are listed in the latest NTP Annual Report on Carcinogens or has been found to be a potential carcinogen in the latest IARC Monograph or by OSHA.

Cytogenicity: Product does not possess cytogenetic activity based on the test results of chromosome induction operations in the bone marrow cells of mice.

5. FIRE FIGHTING MEASURES

Flammable Limits:

Not flammable

Extinguishing Media:

None

Special Firefighting Procedures:

None

Unusual Fire & Explosion Hazards:

None

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up:

Product is $\leq 0.048\%$ sodium chloride (salt) solution and $\leq 0.02\%$ available chlorine. Some localities allow such concentrations to be sent to open storm sewers; however, local environmental regulatory requirements should be followed. If desired, spills can be washed to sewer with plenty of water, or neutralized using sodium sulfite or sodium thiosulfate

7. HANDLING AND STORAGE	
Handling	
Safe Handling:	No special handling is required when used in accordance with product labeling.
Storage	
Requirements for Storage Areas and Containers:	Store at 15° – 30°C (59° – 86°F)
8. EXPOSURE CONTROL/PERSONAL PROTECTION	
Work/Hygiene Practice:	No personal protective equipment is required under normal conditions. The following suggestions should be considered in case of accidental chlorine release due to acidification.
Eye:	Although Product is designed to be safe for eyes, good manufacturing and laboratory practices recommend the use of chemical safety goggles for all applications involving chemical handling.
Skin/Body:	Although product is designed to be safe for skin, good manufacturing an laboratory practice recommend that, at a minimum, rubber, neoprene, or other chemically impervious gloves be worn for all applications involving chemical handling.
Respiratory:	In accordance with OSHA regulations (29 CFR 1910.134 and 29 CFR 1910.1000) fogging or spraying applications may require worker respiratory protection, such as (1) NIOSH/MSHA approved air-purifying respirators, or (2) NIOSH/MSHA approved canister/cartridge facial respirators for chlorine/acid vapors.
Other:	Ventilation: Open air or good room ventilation is normally adequate for the safe use of the product. Avoid breathing any vapors or fumes resulting from acid ventilation.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State:	Liquid

4

OCuSOFT® HypoChlor™ Liquid Spray SDS

Color:	Clear, with a faint chlorinous/ozonous odor
Odor:	Odorless to slight characteristic odor
pH:	6.1-6.8
Density:	8.34 lbs/gal
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	ND
Flash Point:	Not flammable
Specific Gravity (H ₂ O = 1):	1.00-1.06 g/ml
Boiling Point:	100° C
Melting Point / Range:	N/A
Evaporation Rate:	Comparable to Water
Solubility in Water:	Liquid is Soluble
10. STABILITY AND REACTIVITY	
Stability:	Loses its level of available chlorine at high temperatures and when exposed to direct sunlight.
Incompatibility (Materials and Conditions to Avoid):	Avoid accidental or uncontrolled contact of product with acids and hydrogen peroxide.
Hazardous Decomposition or Byproducts:	None
Hazardous Polymerization:	Will Not Occur
11. TOXICOLOGICAL INFORMATION	
<p>Medical conditions generally recognized as being aggravated by exposure to Product: NA</p> <p>Primary route(s) of exposure: Inhalation of product vapors or fumes is the most common route of exposure in occupational settings.</p>	

Developmental/Reproductive Toxicity: No conclusion has been made based on human and animal studies.

Carcinogenicity: No conclusion on the carcinogenicity of chlorine has been made based on the limited information available from human and animal studies. Neither the product nor any of its constituents are listed in the latest NTP Annual Report on Carcinogens or has been found to be a potential carcinogen in the latest IARC Monograph or by OSHA.

Cytogenicity: Product does not possess cytogenetic activity based on the test results of chromosome induction operations in the bone marrow cells of mice.

Inhalation:	N/A
Medical Conditions Generally Aggravated by Exposure:	None
Irritancy:	Skin: Not expected to be an irritant Eyes: Not expected to be an irritant
12. ECOLOGICAL INFORMATION	
Biodegradation:	No data available
13. DISPOSAL CONSIDERATIONS	
Waste Disposal Methods:	Product is ≤0.048% sodium chloride (salt) solution and ≤0.02% available chlorine. Some localities allow such concentrations to be sent to open
14. TRANSPORT INFORMATION	
DOT Classification:	Not a DOT controlled material (USA)
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None
Packing Group:	NA
ID Number:	NA
Hazard:	NA
15. REGULATORY INFORMATION	
TCSA No: All Chemicals in this product are listed on the EPA TSCA Inventory List.	
OSHA Hazard Communication Standard: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.	
Clean Air Act: NA	
Product Label Text Hazard Information:	

- ® Wash hands after handling product
- ® Refer to SDS ® Keep out of Reach of Children

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

Disclaimer: OCuSOFT Inc. believes that the information herein is factual but is not intended to be all inclusive. The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because OCuSOFT, Inc. has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state, local or international law.

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