

SAFETY DATA SHEET

Issuing Date Feb. 4, 2020



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

Product identifier

Product Name CleanSmart Disinfectant Spray

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Household and Hospital Grade Disinfectant EPA Label #89896-2

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Name Simple Science, LLC.

Manufacturer Address 5555 West 78th Street.
STE M
Edina
MN
55439
US

Supplier Phone Number Phone:612-367-4540

Supplier Email erik.pfeifer@simplescience.com

Emergency telephone number

Company Emergency Phone Number 612-239-0342

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).



GHS Label elements, including precautionary statements

Emergency Overview

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

Appearance: Clear

Physical state: Liquid

Odor: Mild/Slight Hypochlorous odor

Precautionary Statements - Prevention

None

Precautionary Statements - Response

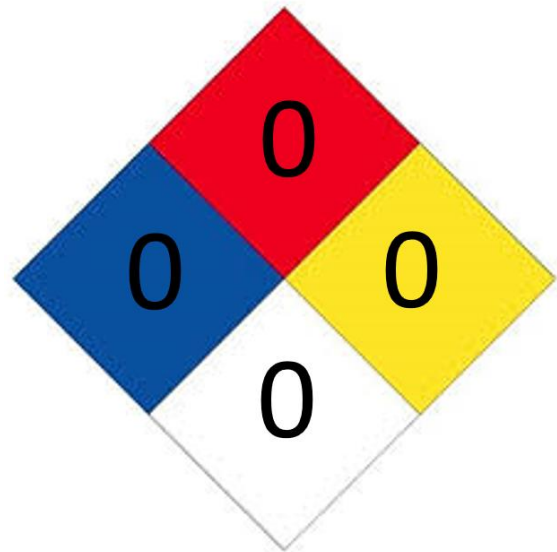
None

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

None



Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

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

Other information

May cause slight eye irritation

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Ingredient	Concentration%	CAS#	EINECS#
Water.	99.918% to 99.928%	7732-18-5	7732-18-6
Sodium chloride.	0.06%	7647-14-5	231-898-3
Hypochlorous acid.	0.018% max	7790-92-3	232-232-5
Hypochlorite Ion.	0.004% max	14380-61-1	231-668-3

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.

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 & Environmental Precautions: None

Spillages: Clean up spilled liquid. Mop up or absorb with inert material (cloth, paper towel, etc.). Cleaning materials may be disposed of as normal refuse. Recommended to finish cleaning with water.



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 Keep containers tightly closed Store at room temperature 20-25deg C. Store in original sealed container, at room temperature, away from direct sunlight and heat. Do not allow to freeze.

Incompatible Products Avoid contact with acids.

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 for high volume storage 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, NIOSH/MSHA 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	Odor	Mild/Slight Hypochlorous odor
Appearance	Clear	Odor Threshold	No information available
Color	Clear transparent		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	Neutral ~7	None known	
Melting / freezing point	0 °C / 32 °F	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	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	1	None known
Water Solubility	Liquid	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	N/A
VOC Content (%)	0% or (0 g/L)
Particle Size	No data available
Particle Size Distribution	

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under normal ambient conditions of temperature and pressure. Discard any product older than 1.5 years.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

High temperatures, incompatible materials.

Incompatible materials

Do not use or mix with other household chemicals..

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Although this product is not known to cause respiratory problems, seek medical advice if breathing difficult develops or persists.
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.
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.

Component Information No information available



Information on toxicological effects

Symptoms No information available.

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

Sensitization No information available.

Mutagenic Effects No information available.

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

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

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 This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 561

14. TRANSPORT INFORMATION

DOT NOT REGULATED
Proper Shipping Name NON REGULATED
Hazard Class N/A

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated
Proper Shipping Name NON REGULATED
Hazard Class N/A

IMDG/IMO Not regulated
Hazard Class N/A

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL.
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372



SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

International Regulations

Canada

WHMIS Hazard Class Not determined

16. OTHER INFORMATION

NFPA	Health Hazards	0	Flammability	0	Instability	0	Physical and Chemical Hazards	- 0
HMIS	Health Hazards	0	Flammability	0	Physical Hazard	0	Personal Protection	0

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Issue Date Feb. 4, 2020

Revision Note 03 (2-4-20)

Disclaimer

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Approved by: Eoin Croke (Eoin Croke 02.04.20)

Approved by: Paul Norton (Paul Norton 02.04.2020)

End of Safety Data Sheet

