

# 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 Daily Surface Cleaner

### 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 78<sup>th</sup> 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**

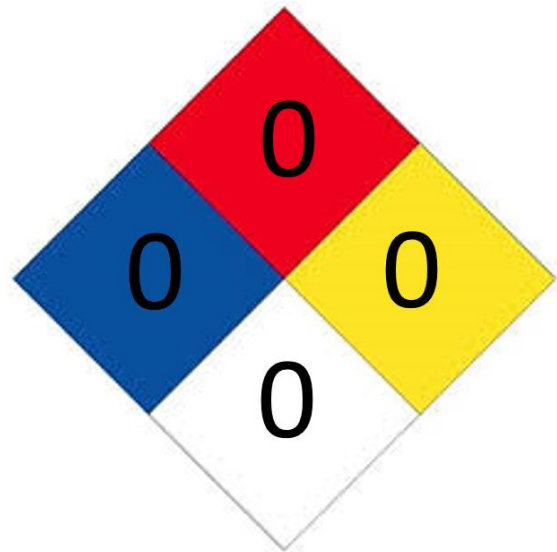
0 % of the mixture consists of ingredient(s) of unknown toxicity

**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

| <b>Ingredient</b>  | <b>Concentration%</b> | <b>CAS#</b> | <b>EINECS#</b> |
|--------------------|-----------------------|-------------|----------------|
| 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

|                     |   |
|---------------------|---|
| <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

**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**

|                       |                   |                       |                               |
|-----------------------|-------------------|-----------------------|-------------------------------|
| <b>Physical state</b> | Liquid            | <b>Odor</b>           | Mild/Slight Hypochlorous odor |
| <b>Appearance</b>     | Clear             | <b>Odor Threshold</b> | No information available      |
| <b>Color</b>          | Clear transparent |                       |                               |

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

**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**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Although this product is not known to cause respiratory problems, seek medical advice if breathing difficult develops or persists.                        |
| <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>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. |

**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**

|             |                         |                       |                          |  |
|-------------|-------------------------|-----------------------|--------------------------|--|
| <b>NFPA</b> | <b>Health Hazards</b> 0 | <b>Flammability</b> 0 | <b>Instability</b> 0     | <b>Physical and Chemical Hazards</b> - 0 |
| <b>HMIS</b> | <b>Health Hazards</b> 0 | <b>Flammability</b> 0 | <b>Physical Hazard</b> 0 | <b>Personal Protection</b> 0             |

**Prepared By** Eoin Croke  
Simple Science Ltd  
Waterford, Ireland  
+353-51-581663

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**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.

Approved by: Eoin Croke (Eoin Croke 02.04.20)

Approved by: Paul Norton (Paul Norton 02.04.2020)

End of Safety Data Sheet

