



# Safety Data Sheet

## Pure&Clean Professional Surface Cleanser

Issue Date: June 18, 2020

Version 2

### 1. IDENTIFICATION

**Product Name:** Pure&Clean Surface Cleanser Professional

**Synonyms:** Surface Cleanser, Surface Cleansing Solution

| Product Code | Product Description                             | UPC          |
|--------------|---|--------------|
| 1SCG-P       | Pure&Clean Surface Cleanser Professional Gallon | 852421007232 |
| 1SCQ-P       | Pure&Clean Surface Cleanser Professional Quart  | 852421007249 |

**Recommended Use:** For Cleansing Hard Surfaces and Cleansing food prep areas.

Supplier: Pure&Clean, LLC

Address: 1083 W Kathryn Street, Suite 1, Nixa, MO 65714, USA

Website: [www.pureandclean.us](http://www.pureandclean.us)

Emergency Contact: +1-800-222-1222

### 2. HAZARDS IDENTIFICATIONS

**Classification:** This product does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, the Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Active Ingredients                               | Approximate Concentration w/v% | CAS#      | EINECS #  |
|--|--------------------------------|-----------|-----------|
| Hypochlorous Acid (HOCl)                         | 0.030%                         | 7790-92-3 | 232-232-5 |
| Electrolyzed Oxygenated Water (H <sub>2</sub> O) | 99.970%                        | 7732-18-5 | 231-791-2 |

### 4. FIRST AID MEASURES

**Inhalation** – none required. If discomfort occurs, remove from further exposure. Obtain medical attention, if any effects occur.

**Skin Contact** - none required. If discomfort occurs, flush with plenty of water and obtain medical attention.

**Eye Contact** - none required. If discomfort occurs, flush eyes with plenty of water and obtain medical attention, if irritation develops.

**Ingestion** - none required. If discomfort occurs, drink 2 glasses of water. Obtain medical attention, if feeling unwell.

**Symptoms:** Under normal use conditions the likelihood of any adverse health effects is low.

**Notes to Physician:** None applicable but treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Product is not flammable or explosive- not applicable.

**Unsuitable Extinguishing Media:** Product is not flammable or explosive- not applicable.

**Specific Hazards Arising from the Chemical:** None known.

**Protective equipment and precautions for firefighters:** None needed as product is not flammable or explosive.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** No personal protective equipment is required under normal conditions.

**Methods for Containment and Methods for Clean-up:** Product is  $\leq 0.9\%$  sodium chloride (salt) solution and  $\leq 0.05\%$  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 Precautions:** None.

**Storage Conditions:** Store away from direct sunlight. Do not freeze.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**Eye/Face Protection:** Not required under normal conditions. Use safety glasses, if desired.

**Skin and Body Protection:** Not required with normal use. Use gloves, if desired.

**Respiratory Protection:** Adequate ventilation. Personal respiratory protection is not required. Do not breathe vapor.

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Odor:** Faint chlorine ozone odor

**Appearance:** Clear Liquid

**Odor Threshold:** Not determined

**Color:** Clear

| <b>Property</b>              | <b>Value</b>              |
|------------------------------|---------------------------|
| pH                           | 6.1 – 6.8                 |
| Melting Point/Freezing Point | 0°C/32°F                  |
| Boiling Point/Boiling Range  | 100°C/212°F               |
| Flash Point                  | Non-flammable             |
| Evaporation Rate             | 0.3                       |
| Flammability (Solid, Gas)    | Not applicable            |
| Upper Flammability limits    | Not Determined            |
| Lower Flammability limits    | Not Determined            |
| Vapor Pressure               | Not Determined            |
| Specific Gravity             | 1.06 g/ml or 8.34 lbs/gal |
| Water Solubility             | 100% soluble              |
| Solubility in other solvents | Not Determined            |
| Partition Coefficient        | Not Determined            |
| Auto-ignition Temperature    | Not Determined            |
| Decomposition Temperature    | Not Determined            |
| Kinematic Viscosity          | Not Determined            |
| Dynamic Viscosity            | Not Determined            |
| Explosive Properties         | Not Explosive             |
| Oxidizing Properties         | Not Determined            |

## 10. STABILITY AND REACTIVITY

**Reactivity:** Reactive to acid products and hydrogen peroxide.

**Chemical Stability:** Stable under recommended storage conditions.

**Hazardous Polymerization:** Will not undergo hazardous polymerization.

**Conditions to Avoid:** Avoid accidental contact of product with acids and hydrogen peroxide.

**Incompatible Materials:** Acids and Hydrogen Peroxide.

**Hazardous Decomposition Products:** None known.

#### 11. TOXICOLOGICAL INFORMATION

**Symptoms** Please see Section 4 of this SDS for symptoms.

**Carcinogenicity:** Based on information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity:** Not determined

| Chemical Name   | Oral LD50                                      | Dermal LD50                                    | Inhalation LD50 |
|---|--|--|-----------------|
| Water 7732-18-5 $\geq 99\%$<br>Hypochlorous Acid<br>7790-92-3 $< 0.030\%$ | 1.26 – 2.0 g/kg (Rat)<br>Note: Chlorine levels | 1.26 – 2.0 g/kg (Rat)<br>Note: Chlorine levels | Not Applicable  |

**Likely routes of exposure:** Eye Contact, Skin Contact, Inhalation, Ingestion

#### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** The product is not classified as environmentally hazardous.

| Chemical Name   | Algae/aquatic plants | Fish | Toxicity to Microorganisms | Crustacea |
|---|----------------------|------|----------------------------|-----------|
| Water 7732-18-5 $\geq 99\%$<br>Hypochlorous Acid<br>7790-92-3 $< 0.030\%$ | None                 | None | None                       | None      |

**Persistence/Degradability:** None

**Bioaccumulation:** Not determined

**Mobility:** Not determined

**Other Adverse Effects:** Not determined

#### 13. DISPOSAL CONSIDERATIONS

**Method of Waste Disposal:** This product, in its present state is not classified as hazardous waste (Federal regulations 40CFR 261.4 (b)(4)).

**Waste from residues/unused products:** Can be landfilled, when in compliance with local regulations.

**Contaminated Containers:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

#### 14. TRANSPORT INFORMATION

**Product Label:** Pure&Clean Surface Cleanser Professional

**D.O.T. Shipping Name:** Surface Cleansing Solution

**D.O.T.:** Not Regulated as Dangerous Goods

**IMDG:** Not Regulated as Dangerous Goods

**IATA:** Not Regulated as Dangerous Goods

**Package class:** 70, PG III

**Technical shipping Name:** A safe and effective surface cleansing solution

## 15. REGULATORY INFORMATION

**International Inventories:** All ingredients are listed or exempt from listing on Chemical Substance Inventory.

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemical and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### US Federal Regulations

**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).

**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 Code of Federal Regulations, Part 372.

**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).

**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 under applicable state right-to-know regulations.

## 16. OTHER INFORMATION

### NFPA

| Health Hazards | Flammability | Instability | Special Hazards |
|----------------|--------------|-------------|-----------------|
| 0              | 0            | 0           | Not Determined  |

### HMIS

| Health Hazards | Flammability   | Instability    | Special Hazards |
|----------------|----------------|----------------|-----------------|
| Not Determined | Not Determined | Not Determined | Not Determined  |

**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 material or in any process unless specified in the text.

End of Safety Data Sheet