MATERIAL SAFETY DATA SHEET “CleanSmart™ Disinfectant Spray”

Date: 28th May 2015
Revision No.: 6

1. Chemical Product and Company Identification

PRODUCT NAME: CleanSmart™ Disinfectant Spray (EPA # 8989-2)

MANUFACTURER
Simple Science LLC
530 North 3rd Street, Suite 310
Minneapolis, MN 55401
USA

Emergency Telephone Number
1-(612) 367-4540

COMMENTS: This Material Safety Data Sheet is provided as general information for health and safety guidance. To the best of our knowledge the above product does not meet the definition of “Hazardous Chemical” as defined in the OSHA “Hazard Communication Standard” regulations. To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act.

2. Hazards Identification

HAZARDS DISCLOSURE
This product does not contain hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.
As defined under SARA 311 and 312, this product contains no known hazardous materials.

NOT HAZARDOUS to Humans and Animals

HMIS Rating - Health: 0; Flammability: 0; Reactivity: 0; Personal Protection Index: C
NFPA Rating - Health: 0; Flammability: 0; Reactivity: 0; Special Hazard: None

NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

Immediate Concerns: No hazard expected under normal conditions of use
Physical Appearance: Clear, colorless liquid with slight chlorine odor
EMERGENCY OVERVIEW: Hazardous gas may evolve on contact with acid

Potential Health Effects
Eye: No Hazards expected under normal conditions at room temperature.
Skin: No Hazards expected under normal use.
Ingestion: No Hazards expected under normal use.
Inhalation: No Hazards expected under normal conditions at room temperature. Vapors and/or aerosols which may be formed at abnormally elevated temperatures may be irritating to eyes and respiratory tract.
Carcinogenicity Information: No Known cancer Hazards.
3. Composition/ Active Ingredients Information

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Concentration %</th>
<th>CAS#</th>
<th>EINECS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water.</td>
<td>&gt;99 %</td>
<td>7732-18-5</td>
<td>7732-18-6</td>
</tr>
<tr>
<td>Hypochlorous acid.</td>
<td>0.017%</td>
<td>7790-92-3</td>
<td>232-232-5</td>
</tr>
</tbody>
</table>

**COMMENTS:** Product composition ranges shown are typical values for health, safety and environmental use and are not intended as specifications.

4. First Aid Measures

**Eyes:** Although this product is not known to cause eye irritation, seek medical advice if irritation develops or persists.

**Skin:** 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.

**Notes to Physician:** Treat symptomatically and supportively.

5. Fire Fighting Measures

**General Information:** Substance is non-combustible. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Use water spray to keep fire-exposed containers cool. Contact with metals may evolve flammable hydrogen gas.

**Extinguishing Media:** Use water spray to cool fire-exposed containers. Substance is non-combustible; use agent most appropriate to extinguish surrounding fire.

**Flash Point:** Not applicable. COC & TCC Flash Point: None

**Autoignition Temperature:** Not applicable.

**Explosion Limits, Lower:** Not available.

**Upper:** Not available.

6. Accidental Release Measures

**Spills/Leaks:** Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid contact with acid.

7. Handling and Storage

**Handling:** No special precautions necessary or use with adequate ventilation.

**Recommended Storage Temperature:** Store at room temperature 20-25deg C.

**Storage:** Store in original sealed container, at room temperature, away from direct sunlight and heat. Do not allow to freeze.
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8. Exposure Controls, Personal Protection

Exposure: No special precautions necessary or use with adequate ventilation.

9. Physical and Chemical Properties

Physical State: Liquid
Appearance: Colorless / clear
Odor: Minimal, Slight Hypochlorous odour
pH: 7.0 ± 0.5
Vapor Pressure: Not available.
Vapor Density: Not available.
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: 100 °C
Freezing/Melting Point: 0 °C
Decomposition Temperature: Not available.
Solubility: Fully Soluble in Water.
Specific Gravity/Density: 1.00

VOLATILE ORGANIC COMPOUNDS (VOC) Content (Theoretical Percentage By Weight): 0% or (0 g/L)

10. Stability and Reactivity

Chemical Stability: Stable under normal ambient conditions of temperature and pressure. Discard any product older than 3 years.
Conditions to avoid: High temperatures, incompatible materials.
Incompatibilities with other materials: Do not use or mix with other household chemicals.
Hazardous Decomposition Products: None known
Hazardous Polymerisation: None known.

11. Toxicity Information

Dermal LD50: Not available
Oral LD50 (rat): >5000 mg/kg, No known hazards in normal use.
Inhalation LC50: Not available
Eye effects (rabbit): No known hazards in normal use.
Skin Effects (rabbit): No known hazards in normal use.
Sensitization (rabbit): No known hazards in normal use.
Mutagenicity (Ames test): No known hazards in normal use.
Reproductive Effects: Not Available
Teratogenic Effects: Not Available

12. Ecological Information

Environmental Fate: No Information found

Environmental Toxicity: May be toxic to aquatic life in very large quantities

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13. Disposal Considerations
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.

14. Transport Information
Not classified as hazardous for transportation per ASTM G31.42 testing.
PRODUCT LABEL: CleanSmart™ Disinfectant Spray
D.O.T. SHIPPING NAME: water
TECHNICAL SHIPPING NAME: Oxidized Water
D.O.T. HAZARD CLASS: None
UN NUMBER: None
D.O.T. LABEL: None
D.O.T. PLACARD: None
BULK CLASS: N/A
PACKAGE CLASS: 70, PG III

15. Regulatory Information
US FEDERAL
Canada: Not available.
European Community EEC Label and Symbol Classification: R31
This Safety Data Sheet does not constitute a workplace risk assessment. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product terms of safety requirements and does not signify any warranty with regard to the product’s properties.

16. Other Information
Manufacturer Disclaimer: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.