



April 10, 2015

# Safety Data Sheet

## Hoover 4X Steam Multi-Floor™ Sealed Hard Floor Cleaner

### Section 1: Identification of the Substance/Preparation & of the Company

Product Identifier

**Product Name** Hoover 4X Steam Multi-Floor Sealed Hard Floor Cleaner

Other Means of Identification

**None**

Recommended use of the chemical and restrictions on use

**Recommended Use** Multi-Purpose Cleaner & Degreaser for Hard Floors & Surfaces

**Uses advised against** No information available

Details of the supplier of the safety data sheet

**Supplier Address** Hoover, Inc  
7005 Cochran Road  
Glenwillow, Ohio 44139

**Supplier Phone #** 1-888-321-1134

Emergency Telephone Number

**Emergency Phone Numbers** For Medical Emergencies call: 513-636-5114  
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

### Section 2: Hazards Identification

Classification

This mixture is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                            |            |
|----------------------------|------------|
| Eye Corrosion / Irritation | Category 2 |
|----------------------------|------------|

GHS Label elements, including precautionary statements

#### Emergency Overview

|  |                                   |                          |
|--|-----------------------------------|--------------------------|
| <b>Signal Word</b>                       | <b>Caution</b>                    |                          |
| <b>Hazard Statements</b><br>Eye Irritant | No Pictogram Required             |                          |
| <b>Appearance</b> Clear, yellow          | <b>Physical State</b> Thin liquid | <b>Odor</b> Light, Lemon |

Precautionary Statement – Prevention

None

Precautionary Statements – Response

If eye contact occurs, rinse eyes with water for 5 minutes – remove contact lenses if present – and rinse eyes for 15 more minutes. If eye irritation persists, seek medical help.

Precautionary Statements – Storage

None

Precautionary Statements – Disposal

None

Hazards not otherwise classified

Not applicable

Unknown Toxicity

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

Other information

None

Interactions with Other Chemicals

None known

**Section 3: Composition / Information on Ingredients**

| Chemical Name                                  | CAS-No     | Weight %  | Trade Secret |
|--|------------|-----------|--------------|
| Laurylmyristyl polyglycol ether w/ EO & PO     | 68439-51-0 | 0.2 – 1.0 | *            |
| Alkylpolyglycoside C8-C10                      | 68515-73-1 | 0.2 – 1.0 | *            |
| Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy- | 34398-01-1 | 0.5 – 1.0 | *            |
| Sodium Lauriminodipropionate                   | 14960-06-6 | 0.5 – 1.0 | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**Section 4: First Aid Measures**First Aid Measures**General Advice**

Show this safety data sheet to the doctor in attendance

**Eye Contact**

Hold eye open & rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**Skin Contact**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation** Move to fresh air. If breathing is affected, call a doctor.

**Ingestion** Call a poison control center or doctor immediately for treatment advice. Have person sip a glassful of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

**Most important Symptoms/Effects** Mild irritation on eyes and skin

Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically

## **Section 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

**Flash Point** Will NOT burn. Will NOT support flame.  
Water-based product.

### Protective Equipment & Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **Section 6: Accidental Release Measures**

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Avoid contact with eyes & skin

**Other Information** Refer to protective measures in Sections 7 and 8

Environmental Precautions

**Environmental Precautions** See section 12 for additional ecological information

Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Care must be taken if spilled on surfaces as they may become extremely slippery.

**Methods for Cleaning Up** Contain liquid, absorb & containerize. Wash residual to sanitary sewer.

**Section 7: Handling and Storage**Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes, skin and clothing. Do not eat, drink, or smoke when using this product. Wash hands after handling.

Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a cool, dry and well-ventilated space.

**Incompatible Products** None known.

**Section 8: Exposure Control/ Personal Protection**Control Parameters**Exposure Guidelines**

| Chemical Name                                  | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--|-----------|----------|------------|
| Laurylmyristyl polyglycol ether w/ EO & PO     | None      | None     | None       |
| Alkylpolyglycoside C8-C10                      | None      | None     | None       |
| Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy- | None      | None     | None       |
| Sodium Lauriminodipropionate                   | None      | None     | None       |

*ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value. OSHA PEL: Occupation Safety & Health Administration – Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.*

Appropriate Engineering Controls

**Engineering Measures** Showers, Eyewash Stations, Ventilation Systems

Individual protection measures, such as personal protective equipment

**Eye/Face Protection** If splashes are likely to occur, wear safety glasses with side-shields. None required for consumer use.

**Skin/Body Protection** No special protective equipment required

**Respiratory Protection** If irritation is experienced, approved respiratory protection should be worn in accordance with local regulations.

**Hygiene Measures** Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes or clothing. Do not eat, drink, or smoke when using this product.

### Section 9: Physical and Chemical Properties

#### Physical and Chemical Properties

|                       |              |                       |                          |
|-----------------------|--------------|-----------------------|--------------------------|
| <b>Physical State</b> | Thin liquid  | <b>Odor</b>           | Light, lemon             |
| <b>Appearance</b>     | Clear        | <b>Odor Threshold</b> | No information available |
| <b>Color</b>          | Light yellow |                       |                          |

| <b>Property</b>                               | <b>Values</b>      | <b>Remarks / Method</b> |
|---|--------------------|-------------------------|
| <b>pH</b>                                     | 7.8 – 8.2          | None known              |
| <b>Melting / Freezing Point</b>               | Freeze 32°F / 0°C  | None known              |
| <b>Boiling Point / Range</b>                  | 212°F / 100°C      | None known              |
| <b>Flash Point</b>                            | No data available  | None known              |
| <b>Evaporation Rate</b>                       | slower             | Butyl acetate = 1       |
| <b>Flammability (solid, gas)</b>              | No data available  | None known              |
| <b>Flammability Limits in Air</b>             | No data available  | None known              |
| <b>Upper Flammability Limit</b>               | No data available  | None known              |
| <b>Lower Flammability Limit</b>               | No data available  | None known              |
| <b>Vapor Pressure</b>                         | No data available  | None known              |
| <b>Vapor Density</b>                          | No data available  | None known              |
| <b>Specific Gravity</b>                       | ~ 1.0              | None known              |
| <b>Water Solubility</b>                       | Completely soluble | 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>                   | Not Explosive      |                         |
| <b>Oxidizing Properties</b>                   | No data available  |                         |

#### Other Information

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content (%)</b>            | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> | No data available |

## Section 10: Stability and Reactivity

### Reactivity

No data available.

### Chemical Stability

Product remains stable in all conditions – most stable under recommended storage conditions

### Possibility of Hazardous Reactions

None under normal processing

### Conditions to avoid

None known

### Incompatible materials

Water-based product. Strong oxidizers, strong caustics, strong acids

### Hazardous Decomposition Products

None. Solids will concentrate up if boiled.

## Section 11: Toxicological Information

### Information on likely routes of exposure

#### **Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Exposure to vapor or mist may irritate respiratory tract.  |
| <b>Eye Contact</b>  | May cause eye irritation.  |
| <b>Skin Contact</b> | Prolonged contact may cause irritation.  |
| <b>Ingestion</b>    | Ingestion may cause irritation to mucous membranes and gastrointestinal irritation, nausea, vomiting and diarrhea. |

### Information on toxicological effects

**Symptoms** May cause redness and tearing of the eyes and skin redness.

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

|                               |   |
|-------------------------------|---|
| <b>Sensitization</b>          | No information available  |
| <b>Mutagenic Effects</b>      | No information available  |
| <b>Carcinogenicity</b>        | Contains no ingredients listed as a carcinogen according to NTP, IARC or OSHA |
| <b>Reproductive Toxicity</b>  | No information available  |
| <b>STOT – single exposure</b> | No information available  |

|                                 |   |
|---------------------------------|---|
| <b>STOT – repeated exposure</b> | No information available                                    |
| <b>Chronic Toxicity</b>         | No known effect   |
| <b>Target Organ Effects</b>     | Respiratory system, eyes, skin, gastrointestinal tract (GI) |
| <b>Aspiration Hazard</b>        | 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

### **Section 12: Ecological Information**

#### Ecotoxicity

No information available

#### Persistence and Degradability

No information available

#### Bioaccumulation

No information available

#### Other Adverse Effects

No information available

### **Section 13: Disposal Considerations**

#### Disposal Methods

This product is considered safe and is residential sewer-able. Dispose of in accordance with all applicable federal, state and local regulations.

#### Contaminated Packaging

Do not reuse containers. Dispose of in accordance with all applicable federal, state and local regulations.

### **Section 14: Transport Information**

|                        |               |
|------------------------|---------------|
| <b><u>DOT</u></b>      | Not regulated |
| <b><u>TDG</u></b>      | Not regulated |
| <b><u>ICAO</u></b>     | Not regulated |
| <b><u>IATA</u></b>     | Not regulated |
| <b><u>IMDG/IMO</u></b> | Not regulated |

### **Section 15: Regulatory Information**

#### Chemical Inventories

**TSCA** All components of this product are either on the TSCA 8(b) Inventory or are otherwise exempt from listing.

**DSL/NDSL** All components are 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

U.S. 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 of Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire Hazard</b>                       | No  |
| <b>Sudden Release of Pressure Hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**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 SARA (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---------------|------------|---------------|--------------|--------------|----------|
| none          |            |               |              |              |          |

International Regulations**Canada**

**WHMIS Hazard Class** – None

**Section 16: Other Information**

**HMIS CODES:** Health Hazard - 1  
 Flammability – 0  
 Physical Hazard - 0 -  
 Personal Protection - X

**DATE PREPARED:** 04/10/2015

**NAME OF PREPARER:** DH

**REVISION DATE:** New

**REVISION NOTE:** New



**General Disclaimer**

Intentional misuse of this chemical product, as with any industrial chemical in contact with the body, can be harmful or fatal. This includes such things as deliberately breathing, placing in mouth, swallowing, placing on skin, or any other contact, or repeated or continuous contact.

Hoover, Inc provides this information in good faith, but makes no representation as to its comprehensiveness or its accuracy. This document is offered as a guide to a trained person for appropriate precautionary handling. Persons using the product and receiving the information must exercise independent judgment in determining the appropriateness of the use and safety information for their particular purpose.

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End of Safety Data Sheet