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

Product Identifier
Product Name: Hoover Multi-Floor PLUS 2X Hard Floor Cleaning Solution

Other Means of Identification
None

Recommended use of the chemical and restrictions on use
Recommended Use: Multi-Purpose Cleaner & Degreaser for Hard Floors

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

<table>
<thead>
<tr>
<th>Signal Word</th>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Statements</td>
<td></td>
</tr>
<tr>
<td>Eye Irritant</td>
<td>No Pictogram Required</td>
</tr>
</tbody>
</table>

Appearance: Clear, yellow
Physical State: Thin liquid
Odor: Linen, Floral
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laurylmyristyl polyglycol ether w/ EO &amp; PO</td>
<td>68439-51-0</td>
<td>0.4 – 1.2</td>
<td>*</td>
</tr>
<tr>
<td>Alkylpolyglycoside C8-C10</td>
<td>68515-73-1</td>
<td>0.4 – 1.2</td>
<td>*</td>
</tr>
<tr>
<td>Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy-</td>
<td>34398-01-1</td>
<td>0.6 – 1.5</td>
<td>*</td>
</tr>
</tbody>
</table>

*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

See section 12 for additional ecological information

Methods and material for containment and cleaning up

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laurylmyristyl polyglycol ether w/ EO &amp; PO</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Alkylpolyglycoside C8-C10</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy-</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Appearance</th>
<th>Odor</th>
<th>Odor Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thin liquid</td>
<td>Clear</td>
<td>Linen, floral</td>
<td>No information available</td>
</tr>
<tr>
<td>Light yellow, amber</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks / Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>8.0 – 8.4</td>
<td>None known</td>
</tr>
<tr>
<td>Melting / Freezing Point</td>
<td>Freeze 32°F / 0°C</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling Point / Range</td>
<td>212°F / 100°C</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>slower</td>
<td>Butyl acetate = 1</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>~ 1.01</td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Completely soluble</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: (n)-octanol/water</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not Explosive</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Softening Point</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Particle Size</td>
<td>No data available</td>
</tr>
<tr>
<td>Particle Size Distribution</td>
<td>No data available</td>
</tr>
</tbody>
</table>
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
Inhalation Exposure to vapor or mist may irritate respiratory tract.
Eye Contact May cause eye irritation.
Skin Contact Prolonged contact may cause irritation.
Ingestion 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

Sensitization No information available
Mutagenic Effects No information available
Carcinogenicity Contains no ingredients listed as a carcinogen according to NTP, IARC or OSHA
Reproductive Toxicity No information available
STOT – single exposure No information available
STOT – repeated exposure: No information available
Chronic Toxicity: No known effect
Target Organ Effects: Respiratory system, eyes, skin, gastrointestinal tract (GI)

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

Section 12: Ecological Information
Ecotoxicity: No information available

Persistence and Degradability: Mixture is environmentally metabolized within 30 days – OECD301B

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

DOT: Not regulated
TDG: Not regulated
ICAO: Not regulated
IATA: Not regulated
IMDG/IMO: 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
- Acute Health Hazard: Yes
- Chronic Health Hazard: No
- Fire Hazard: No
- Sudden Release of Pressure Hazard: No
- Reactive Hazard: 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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: 04/08/2015    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