



March 12, 2014

# Material Safety Data Sheet

## Hoover Steam Multi-Floor 4X

### Section 1: Product and Company Identification

**PRODUCT NAME** Hoover Steam Multi-Floor 4X

**PRODUCT CODE** Cleaner & Degreaser – 8 oz to 128 oz

**MANUFACTURER'S NAME** Hoover, Inc  
7005 Cochran Rd.

**ADDRESS** Glenwillow, Ohio  
44139

**EMERGENCY PHONE** 513.636.5114

**INFORMATION PHONE** 888.321.1134

### Section 2: Ingredients Information

#### Hazardous Material Information System

<b>Health 1</b>	<b>Flammability 0</b>	<b>Reactivity 0</b>	<b>Protection X</b>
0 Normal use Material	0 Will Not Burn	0 Stable	X = Consult the MSDS
1 Slight Hazard (temporary)	1 Possible to Burn	1 Unstable if Heated	and your supervisor for
2 Health Affected (lengthy)	2 Burns if Heated	2 Violent Chemical Chng	your special workplace
3 Extreme Danger	3 Easily Burns	3 Shock & Heat Sensitive	needs
4 Severe or Fatal	4 Very Easily Burns	4 May Explode	
* Chronic (Accumulates)			

NOTE: The HMIS may not be enough hazard information for this chemical in all workplaces. The HMIS requires training about the system and about the information in this MSDS.

<b># Chemical/Common Name</b>	<b>CAS-Number</b>	<b>%</b>	<b>PEL-OSHA</b>	<b>TLV-ACGIH</b>
Surfactant	N/A		Not Established	Not Established

Blend of Proprietary Non-Hazardous Surfactants and polymers.

This product does not contain carcinogens according to NTP, IARC, or OSHA.

### Section 3: Hazards Identification

**EMERGENCY OVERVIEW**      Small amount is not expected to create any health issue or any emergency condition

**HEALTH EFFECTS**                      (Acute and Chronic exposures)

Nose	No effect observed (Non Aromatic Product)
Mouth	Possible irritation, nausea, or diarrhea
Eyes	Minimal irritation, tearing, reddening, or swelling. Avoid prolonged contact.
Skin	May lead to irritation. De-fatting of the skin likely to occur.
Chronic	Not available
Route of Entry	Skin contact, eye contact, not inhaled unless secondary atomization occurs.

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*

### Section 4: First Aid Measures

**NOTE:**                      If irritation persists after any exposure, get medical help

<b>Breathing</b>	Vapors will not injure
<b>Eating</b>	If swallowed dilute with milk or water
<b>Medical Notes</b>	Treat Symptomatically

### Section 5: Fire Fighting Measures

**FLASH POINT:** Will NOT burn. Will NOT support flame. Water-based product.

### Section 6: Accidental Release Measures

Product is non-hazardous and residential sewer-able. Care must be taken if placed on surfaces as they may become extremely slippery. Contain liquid and wash off with water.

### Section 7: Handling and Storage

Avoid freezing. Keep container closed when not in use. No special requirements if product is handled according to good manufacturing practice. Avoid contact with eyes. Wash hands after handling.

### Section 8: Exposure Control/ Personal Protection

<b>Ventilation</b>	Not Required
<b>Handling</b>	No special handling required

## Section 9: Physical and Chemical Properties

<b>BOILING POINT:</b> 212° F	<b>SPECIFIC GRAVITY (H2O=1):</b> 1.0
<b>SOLUBILITY IN WATER:</b> Complete	<b>POUR POINT:</b> 33°F
<b>pH:</b> 7.8	<b>APPEARANCE &amp; ODOR:</b> Clear to yellow tint, citrus scent
<b>VAPOR PRESSURE / DENSITY:</b> As Water	<b>EVAPORATION RATE (butyl acetate = 1):</b> slower
<b>% VOLATILE BY VOLUME:</b> 0	<b>VOC:</b> None

## Section 10: Stability and Reactivity

<b>Incompatibility (reactivity, materials to avoid)</b>	Strong Oxidizers, strong caustics, strong acids
<b>Hazardous Polymerization?</b>	No, see incompatibility
<b>Product Chemically Stable?</b>	Yes
<b>Hazardous Decomposition</b>	None known
<b>Conditions to Keep Stability</b>	Product remains stable in all conditions. Solids will concentrate up if boiled.

## Section 11: Toxicological Information

Components not listed in NTO, IARC, Prop 65 or SARA 313.

Irritancy Sensitivity      See sections 3 and 4

## Section 12: Ecological Information

There is no ecological information currently available for this product.

## Section 13: Disposal Considerations

This product is considered safe and is residential sewer-able

## Section 14: Transport Information

**Class 55 Non-Hazardous**

## Section 15: Regulatory Information

**PRODUCT AS WHOLE** All ingredients are either listed on the TSCA inventory or are exempt.

ACGIH

AIHA

ANSI

Canada – DSL

CFC

EINECS

EU Risk phrase #'s

FDA-21 CFR 174.5

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**Section 16: Other Information**

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DATE PRINTED: 3/12/2014

NAME OF PREPARER: RY - DH

HMIS CODES: H-1 F-0 R-0 P-X

**CAUTION:** 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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**ACGIH**            **American Conference of Governmental Hygienists**  
**AKA**             **Also Known As. Synonym**

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End of MSDS