



November 28, 2011

Material Safety Data Sheet

Hoover SteamPlus™ Cleaning Solution 2X

Section 1: Product and Company Identification

PRODUCT NAME Hoover SteamPlus™ Cleaning Solution 2X

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

Health 1	Flammability 0	Reactivity 0	Protection X
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.

# Chemical/Common Name	CAS-Number	PEL-OSHA	TLV-ACGIH
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

Breathing	Vapors will not injure
Eating	If swallowed dilute with milk or water
Medical Notes	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

Ventilation	Not Required
Handling	No special handling required

Section 9: Physical and Chemical Properties

BOILING POINT: 212° F	SPECIFIC GRAVITY (H₂O=1): 1.0
SOLUBILITY IN WATER: Complete	POUR POINT: 33°F
pH: 8.0	APPEARANCE & ODOR: Clear to yellow tint, almond scent
VAPOR PRESSURE / DENSITY: As Water	EVAPORATION RATE (butyl acetate = 1): slower
% VOLATILE BY VOLUME: 0	VOC: None

Section 10: Stability and Reactivity

Incompatibility (reactivity, materials to avoid)	Strong Oxidizers, strong caustics, strong acids
Hazardous Polymerization?	No, see incompatibility
Product Chemically Stable?	Yes
Hazardous Decomposition	None known
Conditions to Keep Stability	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.

*Information given is based on data obtained from similar product.

Inhalation LC ₅₀	> 5.48 mg / l, rat
Dermal LD ₅₀	> 5,000 mg / kg, rat
Oral LD ₅₀	> 5,000 mg / kg, rat
Skin Irritation	No skin irritation, rat

Irritancy Sensitivity See sections 3 and 4

Section 12: Ecological Information

*Information given is based on data obtained from similar product.

Biodegradability	Readily biodegradable when tested in accordance with OECD 301B
Aquatic Toxicity 96 hr LC ₅₀	Pimephales promelas (fathead minnow) >1600 mg/l

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

Section 16: Other Information

DATE PRINTED: 11/28/11**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**

End of MSDS