

Safety Data Sheet



Revision Date 19-Apr-2013
Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name oneClean Green Carpet Cleaner
Product code OCG
Formula W.20490
Recommended Use Cleaning agent

Supplier Chemspec
901 North Newkirk Street
Baltimore, MD 21205

Chemical Emergency Phone Number Chemtrec: 1-800-424-9300 for US/ 703-527-3887 outside US

2. Hazards identification

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Potential Health Effects

Acute toxicity

Eyes May cause irritation.

Skin May cause irritation.

Inhalation No known effect based on information supplied.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects No known effect based on information supplied.

Aggravated Medical Conditions Preexisting eye disorders. Skin disorders. Respiratory disorders.

Environmental hazard See Section 12 for additional Ecological Information.

3. Composition/information on ingredients

Hazardous Components

Chemical Name	CAS-No	Weight %
Ethoxylated Lauryl Alcohol	9002-92-0	1-10
SODIUM HYDROXIDE	1310-73-2	1-10

4. First aid measures

General advice Show this material safety data sheet to the doctor in attendance.

Eye contact Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Inhalation	Move to fresh air.
Ingestion	Gently wipe or rinse the inside of the mouth with water.
Notes to physician	Treat symptomatically.

5. Fire-fighting measures

Flammable Properties	Not flammable.
Flash point	Not determined.
Suitable extinguishing media	Water spray. Foam. Dry powder.
Explosion Data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions	Use personal protective equipment.
Environmental precautions	No special environmental precautions required.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

7. Handling and storage

Advice on safe handling	Wear personal protective equipment.
Technical measures/Storage conditions	Use only in area provided with appropriate exhaust ventilation. Keep tightly closed in a dry and cool place.

8. Exposure controls/personal protection

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico
SODIUM HYDROXIDE 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³
Component	British Columbia	Alberta	Quebec	Ontario TWAEV
SODIUM HYDROXIDE 1310-73-2 (1-10)	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³	CEV: 2 mg/m ³

NIOSH IDLH: *Immediately Dangerous to Life or Health*

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Hand Protection Rubber gloves
Eye/Face Protection Safety glasses with side-shields.
Skin and body protection Skin and body protection.
Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene measures When using, do not eat, drink or smoke.

9. Physical and chemical properties

Physical state Liquid
Appearance Clear liquid
Odor No Fragrance Added
Color clear

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	4.5 - 5.5	
Boiling point/boiling range		
Flash Point		
Evaporation rate	no data available	
Explosion Limits		
upper		
lower		
Vapor pressure	no data available	
Vapor density	no data available	
Specific Gravity	1.032 g/cc	
Viscosity, kinematic	no data available	
Water solubility	Soluble in water	
Partition coefficient: n-octanol/water	no data available	
Explosive properties	no data available	

Other information
Volatile organic compounds (VOC) content No information available
Melting/freezing point

10. Stability and reactivity

Stability Stable under recommended storage conditions.
Incompatible products None known based on information supplied.
Conditions to Avoid Direct sources of heat.
Hazardous Decomposition Products Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.
Hazardous Polymerization Hazardous polymerization does not occur.

11. Toxicological information

Acute toxicity
Product Information

Eye contact May cause slight irritation.

Ingestion Ingestion may cause stomach discomfort.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethoxylated Lauryl Alcohol	1 g/kg (Rat)		
SODIUM HYDROXIDE		1350 mg/kg (Rabbit)	

Chronic toxicity

Chronic toxicity No information available

Target Organ Effects Eyes Respiratory system Skin

12. Ecological information

Ecotoxicity

Meets CCD-146 requirements for "not toxic to aquatic life" (IC50.500 mg/L for Institutional Cleaners or IC50>200mg/L for Industrial Cleaners) Based on whole formulation testing.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates	Toxicity to microorganisms	Toxicity to other organisms
SODIUM HYDROXIDE		LC50: 96 h Oncorhynchus mykiss 45.4 mg/L static			

Persistence and degradability No information available.

Bioaccumulation .

Mobility No information available.

13. Disposal considerations

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

California Hazardous Waste Codes 561

14. Transport information

DOT Not regulated

MEX Not regulated

15. Regulatory information

International Inventories

TSCA	-
DSL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECL	-
PICCS	-
AICS	-
NZIoC	-

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals
 "-" - Unknown. Not listed.

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 and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
SODIUM HYDROXIDE	1000 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
SODIUM HYDROXIDE	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

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	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
SODIUM HYDROXIDE	X	X	X		
magnesium nitrate	X	X	X		

International Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
D2B Toxic materials



16. Other information

<u>NFPA</u>	Health Hazard 0	Flammability 0	Stability 0	Physical and chemical hazards -
<u>HMIS</u>	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal protection -

Additional information Per Green Seal, GS-37:
pH @ 1:21 = 4.5 - 5.5, pH @ 1:320 = 4.5 - 5.5
Actual pH of diluted product may vary depending on water source.

Prepared By Chemspec Regulatory Affairs/Product Safety

Revision Date 19-Apr-2013
Revision Note No information available.

Disclaimer
The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Material Safety Data Sheet