

Safety Data Sheet



Revision Date 04-Apr-2013
Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Green for Degreasing
Product code 33404
Formula W.20361
Recommended Use Cleaning agent

Supplier ServiceMaster Clean
3839 Forest Hill-Irene Rd.
Memphis, TN 38125

Manufacturer Chemspec
901 North Newkirk Street
Baltimore, MD 21205

Chemical Emergency Phone Number INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

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 None known.

Environmental hazard See Section 12 for additional Ecological Information.

3. Composition/information on ingredients

Hazardous Components

Chemical Name	CAS-No	Weight %
SODIUM CARBONATE	497-19-8	1-10

4. First aid measures

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

Skin contact	Wash skin with soap and water.
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Notes to physician	Treat symptomatically.

5. Fire-fighting measures

Flammable Properties	Not flammable.
Flash point	Not determined.
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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	Ensure adequate ventilation.
Environmental precautions	Try to prevent the material from entering drains or water courses.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

7. Handling and storage

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.
Technical measures/Storage conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Measures	Showers Eyewash stations Ventilation systems.
Personal Protective Equipment	
Hand Protection	Protective gloves
Eye/Face Protection	Safety glasses with side-shields.
Skin and body protection	Wear suitable protective clothing.
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	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

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

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	11 - 12	
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	1.10	
Viscosity, kinematic	no data available	
Water solubility	no data available	
Partition coefficient: n-octanol/water	no data available	
Explosive properties	no data available	

Other information

Volatile organic compounds (VOC) content 0%
Melting/freezing point

10. Stability and reactivity

Stability Stable under recommended storage conditions.
Incompatible products None known based on information supplied.
Conditions to Avoid None known based on information supplied.
Hazardous Decomposition Products None known based on information supplied.
Hazardous Polymerization Hazardous polymerization does not occur.

11. Toxicological information

Acute toxicity

Product Information The product itself has not been tested.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SODIUM CARBONATE	4090 mg/kg (Rat)		

Chronic toxicity

Chronic toxicity No information available

Target Organ Effects None known.

12. Ecological information

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates	Toxicity to microorganisms	Toxicity to other organisms
SODIUM CARBONATE	EC50: 120 h Nitzschia 242 mg/L	LC50: 96 h Lepomis macrochirus 300 mg/L static LC50: 96 h Pimephales promelas 310 - 1220 mg/L static	EC50: 48 h Daphnia magna 265 mg/L		

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 Do not re-use empty containers.

14. Transport information

DOT Not regulated

MEX Not regulated

15. Regulatory information

International Inventories

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

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - 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 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 the Superfund Amendments and Reauthorization Act (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	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
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 -

Prepared By Chemspec Regulatory Affairs/Product Safety

Revision Date 04-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