

Safety Data Sheet



Revision Date 28-Oct-2014
Version 1.01

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Energizer
Product code R.5014-P
Recommended Use Professional Carpet Cleaning

Manufacturer Chemspec
 901 North Newkirk Street
 Baltimore, MD 21205

Emergency telephone number Chemtrec: 1-800-424-9300 for US
 +1 703-527-3887 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 slight irritation.

Skin No known effect based on information supplied.

Inhalation No known effect based on information supplied.

Ingestion No known effect based on information supplied.

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

Component	CAS-No	Weight %
SODIUM PERCARBONATE 15630-89-4 (60-100)	15630-89-4	60-100
Sodium chloride 7647-14-5 (1-10)	7647-14-5	1-10
Sodium carbonate 497-19-8 (1-10)	497-19-8	1-10
Water 7732-18-5 (1-10)	7732-18-5	1-10

4. First aid measures

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

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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. Remove 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	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	Rubber/latex/neoprene or other suitable chemical resistant gloves
Eye/Face Protection	Safety glasses with side-shields.
Skin and body protection	Skin and body protection.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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

9. Physical and chemical properties

Physical state Solid
Appearance Powder
Odor Odorless
Color White

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	10.4	(as 1% solution)
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	1.05 g/cc	
Viscosity, kinematic	no data available	
Water solubility	Miscible with water	
Partition coefficient: n-octanol/water	no data available	
Explosive properties	no data available	

Other information

Volatile organic compounds (VOC) content None
Bulk Density No Data Available
Melting/freezing point

10. Stability and reactivity

Stability/Reactivity Stable under recommended storage conditions.

Incompatible products Combustible materials.

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 The product itself has not been tested.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SODIUM PERCARBONATE	1034 mg/kg (Rat)		
Sodium carbonate	4090 mg/kg (Rat)		2300 mg/m ³ (Rat) 2 h

Chronic toxicity

Chronic toxicity No information available

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Target Organ Effects None known.**12. Ecological information****Ecotoxicity**

No information available. .

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates	Toxicity to microorganisms	Toxicity to other organisms
SODIUM PERCARBONATE		LC50: 96 h Pimephales promelas 70.7 mg/L static	EC50: 48 h Daphnia pulex 4.9 mg/L		
Sodium carbonate		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** No information available.**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.

14. Transport information**DOT** Not regulated**MEX** Not regulated**15. Regulatory information****International Inventories**

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

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

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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
IECS - 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

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

C Oxidizing materials
 D2B Toxic materials



16. Other information

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<u>NFPA</u>	Health Hazard 0	Flammability 0	Stability/Reactivity 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 28-Oct-2014

Revision Note No information available.

Legend:

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