

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: CLAIRE GREEN CARPET EXTRACTION CLEANER - CLEANER
Product Code Number: 308
Product Use: Cleaner
WHMIS Class: Class D - Division 2B
DOT Classification: Not regulated as dangerous goods.
TDG Classification: Not regulated as dangerous goods.
Manufacturer/Supplier: Claire Manufacturing
500 Vista Ave.
Addison, IL 60101
General Assistance 630-543-7600
Emergency Telephone US: 866-836-8855
Emergency Tel. Canada: 952-852-4646.

LEGEND HMIS/NFPA		Health	Flammability	Physical Hazard	Personal Protection
Severe	4	/ 1	0	0	B
Serious	3				
Moderate	2				
Slight	1				
Minimal	0				
Minimal	0				



SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>OSHA PELS</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
1-Octanesulfonic acid, sodium salt	5324-84-5	1 - 5	Not established	Not established	Not available	5000 mg/kg rat
Carbonic acid, sodium salt (2:3)	533-96-0	1 - 5	Not established	Not established	Not available	5600 mg/kg rat
Sodium citrate	6132-04-3	1 - 5	Not established	Not established	Not available	Not available

SECTION III - PHYSICAL DATA

Boiling Point:	100 °C	Specific Gravity:	1.06 - 1.08 @ 25°C (77°F) (H2O = 1)
Freezing Point:	0 °C	Coefficient of Water/Oil Distribution:	Not available
Vapor Pressure:	Same as water	% Volatile:	85-90%
Vapor Density:	Same as water	Evaporation Rate:	1 (H2O = 1)
Solubility in Water:	Complete	pH:	9.3 - 9.8
Physical State:	Liquid	Viscosity:	Same as water
Appearance:	Colorless Liquid	Odor Threshold:	Low odor
Odor:	Characteristic.		

SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	Not flammable by WHMIS/OSHA criteria.				
Flash Point (Tag Closed Cup):	> 100.00 °C (> 212 °F)	LEL:	Not available	UEL:	Not available
Hazardous Combustion Products:	May include and are not limited to: Oxides of sodium. Oxides of carbon.				
Autoignition Temperature:	Not available				
Explosion Data:					
Sensitivity to Mechanical Impact:	Not available				
Sensitivity to Static Discharge:	Not available				
Means of Extinction:	Dry chemical. Water spray. Alcohol foam. Carbon dioxide.				
Special Fire Hazards:	Firefighters should wear a self-contained breathing apparatus.				

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable under recommended storage conditions.
Incompatible Materials:	Strong oxidizing agents. Acids.
Reactivity, and Under What Conditions:	Do not mix with other chemicals.
Hazardous Decomposition Products:	May include and are not limited to: Oxides of sodium. Oxides of carbon when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

- Eye:** May cause irritation.
Skin: May cause irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.

EFFECTS OF CHRONIC EXPOSURE:

- Skin:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Irritancy: Hazardous by WHMIS/OSHA criteria.
Respiratory Tract Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.
Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.
Synergistic Materials: Not available

SECTION VII - PREVENTATIVE MEASURES

- Gloves:** Rubber gloves. Confirm with a reputable supplier first.
Eye Protection: Safety glasses
Respiratory Protection: Not normally required if good ventilation is maintained.
Other Protective Equipment: As required by employer code.
Engineering Controls: General ventilation normally adequate.
Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Waste Disposal: Review federal, state/provincial, and local government requirements prior to disposal.
Handling Requirements: Use good industrial hygiene practices in handling this material. Wash hands before breaks and immediately after handling the product.
Storage Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION VIII - FIRST AID

- Eye:** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

SECTION IX - PREPARATION INFORMATION**Effective Date:** 18-Sep-2007**Expiry Date:** 18-Sep-2010**Issue Date:** 18-Sep-2007**Prepared By:** Claire Manufacturing, Attn" Regulatory Manager 630-543-7600

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.