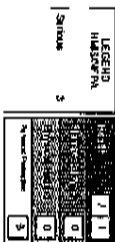


MATERIAL SAFETY DATA SHEET



SECTION I - PRODUCT IDENTIFICATION

Product Name: CLARE GREEN TILE & GROUT RESTROOM
 Product Code Number: CLF name
 Product Use: 312 CLARE GREEN TILEGROUT GL
 Manufacturer/Supplier: CLARE MANUFACTURING COMPANY
 500 Vista Ave.
 Addison, IL 60101
 630-443-7600
 855-836-8855
 802-852-4646



SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS #	Wt%	OSHA LABELS	ACSHI-TLV	LC50	QPL LBS/50
Hydrochloric acid	7732-9	5 - 10	10 mgms - TWA	10 mgms - TWA	Not available	5010 mg/50 ml
Jacobs CI2-15 ethoxylated	80191-385-1-5	1-5	Not established	Not established	5 mg/ml	3000 mg/30 ml
Jacobs CS-11 ethoxylated	80434-83-1-5	1-5	Not established	Not established	2000 mg/30 ml	2000 mg/30 ml
Jacobs CS-11 ethoxylated	80434-83-08-1-5	1-5	Not established	Not established	Not available	6300 mg/30 ml

SECTION III - PHYSICAL DATA

Boiling Point: 100 °C
 Freezing Point: 0 °C
 Vapor Pressure: Same as water
 Vapor Density: Same as water
 Solubility in Water: Complete
 Physical State: Liquid
 Appearance: Green Liquid
 Odor: Characteristic

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS/OSHA criteria
 Flash Point (T90 Closed Cup): > 100.00 °C (> 212 °F)
 Hazardous Combustion Products: May include and are not listed for Oxides of carbon.
 Autoignition Temperature: Not available
 Explosion Data: Not available
 Sensitivity to Mechanical Impact: Not available
 Sensitivity to Static Discharge: Not available
 Means of Extinction: Water spray, Dry chemical, Foam.
 Special Fire Hazards: Firefighters should wear a self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Stability: Stable
 Incompatible Materials: Strong oxidizing agents, Caustics, Reducing agents.
 Reactivity, and Under What Conditions: Do not mix with other chemicals.
 Hazardous Decomposition Products: May include and are not listed for Oxides of carbon.
 1644 CLARE GREEN TILEGROUT GL

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, itching and dermatitis.
 Irritation: 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

Storage: Rubber gloves, Confine with a respirable 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 Procedures: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled 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. Use good industrial hygiene practices in handling this material. Wash hands before breaks and immediately after handling the product.
Handling 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 some 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 Compliance 630-543-7600
 Formulation: Formulation contained herein is stable for maximum conditions of storage and use. Once every shift has been made to meet the objective of product hazard, it was found to be available until an effect. Since conditions of use are beyond control of the supplier, the supplier does not warrant the product for use in any application. The user is responsible for determining the suitability of the product for their application. The user is responsible for determining the suitability of the product for their application. The user is responsible for determining the suitability of the product for their application.