



Material Safety Data Sheet

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/ Trade Name: Kaboom Porcelain, Tile & Grout Restorer

Supplier: Orange Glo International
PO Box 3998
Littleton, CO 80110 USA

MSDS preparation date: 10 September 2001
By: L. Brown
MSDS Revision date: 17 June 2002
MSDS Reviewed: 17 June 2002

Emergency Phone: 303-740-1909
Poison Control (US): 1-800-222-1222
Transportation emergencies: ChemTrec 800-424-9300

Information Phone: 303-740-1909

HMIS codes

H	F	R	P
ND	0	ND	ND

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

General Description: Cleaner for bath and kitchen

Hazardous Ingredients:

Ingredients not precisely identified are proprietary or nonhazardous

CAS #	Chemical name	% age range
506-89-8	Urea monohydrochloride	5-10%
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Section 3: HAZARDS IDENTIFICATION

This product is a consumer product. To the extent the product is used in a fashion typical to that of a consumer, protective measures, with the exception of those indicated on the label, are not normally necessary. Where use conditions and/or extent and duration of exposure differ from typical consumer use, however, appropriate protective measures to prevent eye and prolonged skin contact (goggles, goggles, rubber gloves, protective clothing) and minimize inhalation exposure (engineering controls, NIOSH-approved respiratory protection appropriate for the hazard presented) are recommended.

General: ND
Emergency: ND
Primary Route(s) of Entry: Eye, Skin contact, Ingestion
Effects of Overexposure- Inhalation: Not a normal route of exposure. may cause breathing difficulty
Effects of Overexposure- Ingestion: May cause stomach distress, nausea or vomiting
Effects of Overexposure- Eyes: May cause severe irritation
Effects of Overexposure- Skin: May cause irritation
Effects of Overexposure- Chronic: none known
Hazards:



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Section 4: FIRST AID MEASURES

- Skin: Flush with water. Wash with soap and water. Obtain medical attention if irritation persists. Wash contaminated clothing well before reuse.
- Eyes: Immediately flush with water for 15 minutes. Remove contact lenses, if applicable, and continue rinsing. Obtain medical attention if irritation persists.
- Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.
- Inhalation: Not a normal route of exposure. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Section 5: FIRE FIGHTING MEASURES

Flashpoint and method used:	None (TCC) - non flammable	Flammable limit: (LEL)	NA	Flammable limit: (UEL)	NA
Auto-ignition temperature:	NA				
Extinguishing media:	Treat for surrounding material				
Special fire-fighting protective equipment:	Fire fighters should wear self-contained breathing apparatus				
Unusual fire and explosion hazards:	Hazardous combustion products - may include and are not limited to oxides of carbon.				
Explosion data:	NA				

Section 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment:	ND
Material release or spill:	Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways.
Other:	NA

Section 7: HANDLING AND STORAGE

Storage:	Keep out of reach of children. Store in closed container away from incompatible materials.
Precautions during handling and storage:	Store in closed container away from incompatible materials



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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:	OSHA-PEL/ACHIG-TLV - Not applicable
Engineering controls:	General ventilation normally adequate
Eye protection:	Safety glasses
Protective clothing:	Rubber gloves
Respiratory protection:	Not normally required
Other PPE:	As required by employer code.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear/slight amber		
Odor:	Grapefruit		
Physical state:	Liquid		
Boiling point:	~100 deg C.		
Vapor Pressure:	ND	Vapor density:	ND
Solubility in water:	Complete	Evaporation rate:	ND
pH:	0.5-1.5	Viscosity:	ND
Melting point:	NA	Specific Gravity:	ND
% volatile by volume:	NA	Cloud point:	ND
Partition coefficient:	ND	Freezing point:	ND
Coefficient of water/oil distribution:	ND		

Section 10: STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility:	Caustics, oxidizers, reducers
Conditions to avoid:	ND
Hazardous decomposition:	May include and are not limited to oxides of carbon when heated to decomposition
Hazardous polymerization:	NA

Section 11: TOXICOLOGICAL PROPERTIES

Acute oral toxicity	Urea monohydrochloride: LD50, rat, oral, 1121 mg/kg
Carcinogenicity:	No ingredients listed by ACGIH, IARC or NTP
Reproductive toxicity/	ND
Teratogenicity:	
Mutagenicity:	ND
Toxicologically synergistic products:	ND

Section 12: ECOLOGICAL INFORMATION

Persistence and degradation:	Biodegradable
Toxicity:	Aquatic toxicity NA
Other:	ND



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Section 13: DISPOSAL CONSIDERATIONS

Disposal method: Dispose of in accordance with local/state/provincial and federal regulations
 Container disposal: Dispose of in accordance with local/state/provincial and federal regulations

Section 14: TRANSPORT INFORMATION

DOT proper shipping name:	Not regulated for ground shipment	DOT technical name:	Not regulated for ground shipment
DOT Hazard class:	8	Hazard subclass:	NA
UN Number, proper shipping name:	UN3265, Corrosive liquid, acidic, organic, nos (mixture, Urea monohydrochloride)	Packing group:	III
Other Transport information:	ORM-D Domestic ground. Consumer commodity. Only corrosive with aluminum, not with steel or plastic		

Section 15: REGULATORY INFORMATION

TSCA:	All ingredients are listed on the TSCA inventory
DSL:	All ingredients are listed on DSL
OSHA Haz Com 29 CFR 1910.1200:	MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200)
WHMIS Classification:	ND
CERCLA and SARA:	None listed

Section 16: OTHER INFORMATION

% Volatile Organic Compounds (VOCs) None

Legend:	N.D. Not Determined	N.E. Not Established	N.A. Not Applicable
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The information provided has been adapted from the manufacturer supplied MSDS. The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from use of MSDS information.



MSDS Addendum

Always follow label instructions and warnings. Typical use of product is a guideline only.

Typical Use of Product:	Sprayed directly on surfaces to be cleaned. Rinse well with water. Not typically used in diluted form.
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