

Tile Brite 75%

SECTION 1. IDENTIFICATION

Product Identifier Tile Brite 75%
Recommended Use Cleaner.
Manufacturer W.E. Greer Ltd., 14704 - 119 Avenue, Edmonton, AB, T5L 2P1, 780-451-1516, www.wegreer.com
Emergency Phone No. CANUTEC, 1-888-226-8832, You can call *666 on your cellular phone

SECTION 2. HAZARD IDENTIFICATION

Classification

Acute toxicity (Oral) - Category 4; Skin irritation - Category 2; Eye irritation - Category 2A; Specific target organ toxicity (single exposure) - Category 3; Specific target organ toxicity (repeated exposure) - Category 2

Label Elements



Signal Word:
Warning

Hazard Statement(s):

Causes serious eye irritation.
 Causes skin irritation.
 Harmful if swallowed.
 May cause respiratory irritation.

Precautionary Statement(s):

Wear protective gloves/protective clothing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF ON SKIN: Wash with plenty of water.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CENTRE or doctor if you feel unwell.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Urea, monohydrochloride	506-89-8	75	Organic Salt

SECTION 4. FIRST-AID MEASURES

First-aid Measures

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Inhalation

Move to fresh air.

Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation occurs, get medical advice or attention.

Eye Contact

Avoid direct contact. Wear chemical protective gloves if necessary. Remove contact lenses, if present and easy to do. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

First-aid Comments

Symptoms may be delayed.

Immediate Medical Attention and Special Treatment**Target Organs**

Eyes, skin, lungs, respiratory system.

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing Media****Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire.

Specific Hazards Arising from the Product

May include but is not limited to: Oxides of carbon. Oxides of nitrogen. Chlorine gas.

Special Protective Equipment and Precautions for Fire-fighters

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment, and Emergency Procedures**

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Evacuate downwind locations.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Small spills or leaks: contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Large spills or leaks: dike spilled product to prevent runoff. Remove or recover liquid using pumps or vacuum equipment. Never return spills in original containers for re-use.

SECTION 7. HANDLING AND STORAGE**Precautions for Safe Handling**

Only use where there is adequate ventilation. Wear personal protective equipment to avoid direct contact with this chemical. Never add water to a corrosive. Always add corrosives slowly to COLD water. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area.

Conditions for Safe Storage

Keep out of reach of children. Store in a closed container. Separate from incompatible materials (see Section 10:

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Stability and Reactivity).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Urea, monohydrochloride	Not established					

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots. Use good hygiene practices when handling this material. Wash hands before breaks and immediately after handling the product.

Respiratory Protection

Not usually required when working with small quantities. Where exposure guidelines may be exceeded: wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear liquid.
pH	1.0 - 1.5
Relative Density (water = 1)	1.101 - 1.103
Solubility	Soluble in water
Other Information	
Physical State	Liquid
Molecular Formula	Not applicable
Other Physical Property 1	Viscosity: Water thin

SECTION 10. STABILITY AND REACTIVITY

Reactivity

May react with strong oxidizing agents. Reacts vigorously with acids.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Do not mix with other chemicals.

Incompatible Materials

Oxidizing agents (e.g. peroxides), metals (e.g. aluminum), strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide).

Hazardous Decomposition Products

May include but not limited to: oxides of carbon. Corrosive, oxidizing nitrogen oxides; corrosive chlorine.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

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Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Urea, monohydrochloride		1121 mg/kg (rat)	

LC50: No information was located.

Skin Corrosion/Irritation

Human experience shows moderate or severe irritation.

Serious Eye Damage/Irritation

May irritate or burn the eyes. Permanent damage including blindness may result.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause nose and throat irritation, lung injury.

Skin Absorption

Symptoms may include redness, rash, swelling and itching.

Ingestion

Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Carcinogenicity

Not known to cause cancer.

Reproductive Toxicity

Development of Offspring

Not known to harm the unborn child.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Effects on or via Lactation

Not known to cause effects on or via lactation.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No information was located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3265	Corrosive Liquid, Acidic, Organic, N.O.S. (Urea, monohydrochloride)	8	III

SECTION 15. REGULATORY INFORMATION

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Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Listed on the DSL.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 2** **Flammability - 0** **Instability - 0**

SDS Prepared By W.E. Greer Ltd.

Phone No. 780-451-1516

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