

Version Number: 1

Preparation date: 2005-10-05

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Chemtrol TILE BRITE
MSDS #:	MS0600108
Product code:	U23088
Recommended use:	Chemical Management Systems .
Manufacturer, importer, supplier:	Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 770-447-9000 MSDS Internet Address: www.unisourcelink.com
Emergency telephone number:	1-888-660-6737

2. HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW

- DANGER
- CORROSIVE
- CONCENTRATE
- CAUSES EYE AND SKIN BURNS
- HARMFUL OR FATAL IF SWALLOWED
- DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS

Principle routes of exposure:	• Eye contact • Skin contact • Inhalation
Eye contact:	• Corrosive • Causes permanent eye damage, including blindness
Skin contact:	• Corrosive • May cause permanent damage
Inhalation:	• May cause irritation and corrosive effects to nose, throat and respiratory tract
Ingestion:	• Corrosive • Causes burns to mouth, throat and stomach

3. COMPOSITION/INFORMATION ON INGREDIENTS
HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %
Phosphoric acid	7664-38-2	10 - 30%

HAZARDOUS COMPONENTS

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Phosphoric acid	1.25 g/kg (rat)	2740 mg/kg (rabbit)	25.5 mg/m ³ (rat)

4. FIRST AID MEASURES

Eye contact:	• Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open • Get medical attention immediately
Skin contact:	• Flush immediately with plenty of water for at least 15 minutes • Get medical attention immediately
Inhalation:	• If breathing is affected, remove to fresh air • Get medical attention immediately

Ingestion:	• Do not induce vomiting • Immediately drink one cupful of water or milk • Never give anything by mouth to an unconscious person • Get medical attention immediately
Aggravated Medical Conditions:	• Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	• Dry chemical, water spray, foam
Specific hazards:	• Not applicable
Unusual hazards:	• Corrosive material (See sections 8 and 10)
Specific methods:	• No special methods required
Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear	
Extinguishing media which must not be used for safety reasons: No information available	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	• Use personal protective equipment
Environmental precautions and clean-up methods:	• Use appropriate containment to avoid environmental contamination • Sweep up and shovel into suitable containers for disposal • Keep in suitable and closed containers for disposal • Use a water rinse for final clean-up

7. HANDLING AND STORAGE

Handling:	• Avoid contact with skin, eyes and clothing • Do not taste or swallow • Avoid breathing vapors or mists • Use only with adequate ventilation • Remove and wash contaminated clothing and footwear before re-use • Wash thoroughly after handling • Product residue may remain on/in empty containers • All precautions for handling the product must be used in handling the empty container and residue
FOR COMMERCIAL AND INDUSTRIAL USE ONLY	
Storage:	• Keep tightly closed in a dry, cool and well-ventilated place • Protect from freezing • Store in a cool, dry, well ventilated area away from heat or open flame • Keep out of the reach of children

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: • Good general ventilation should be sufficient to control airborne levels • Respiratory protection is not required if good ventilation is maintained	
Personal Protective Equipment	
Eye protection:	• Chemical splash goggles
Hand protection:	• Chemical resistant gloves • neoprene gloves
Skin and body protection:	• Protective footwear • If major exposure is possible, wear suitable protective clothing and footwear
Respiratory protection:	• If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure • A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use

Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice
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Personal protective equipment

Ingredient	CAS #	ACGIH	OSHA	Mexico
Phosphoric acid	7664-38-2	3 mg/m ³ (STEL) 1 mg/m ³ (TWA)	1 mg/m ³	3 mg/m ³ (STEL) 1 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	No information available
Color:	Pink	Odor:	Citrus
Specific gravity:	1.09	pH:	>1
Dilution pH:	No information available.	Density:	9.1 lbs/gal
Bulk density:	No information available	Vapor density:	No information available
Evaporation rate:	No information available	Solubility:	Soluble
VOC:	0.03 %	Viscosity:	No information available
Solubility in other solvents:	No information available		
Partition coefficient (n-octanol/water):	No information available		
Boiling point/range:	Not determined		
Melting point/range:	Not determined		
Flash point:	>200 (°F) >93.3 (°C)		
Decomposition temperature:	Not determined		
Autoignition temperature:	No information available		

10. STABILITY AND REACTIVITY

Stability:	The product is stable
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	- Ammonia - Do not mix with chlorinated products
Conditions to avoid:	Do not freeze

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Corrosive. Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.
Component Information:	See Section 3
Chronic toxicity:	None known
Specific effects	
Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

12. ECOLOGICAL INFORMATION

Environmental Information:	When used for its intended purpose this product should not cause adverse effects in the environment
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Dispose of according to all federal, state and local applicable regulations
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14. TRANSPORT INFORMATION

DOT/TDG:	Please refer to the Bill of Lading/receiving documents for up to date shipping information
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15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

SARA 311/312 Hazard Categories

Immediate:	Y
Delayed:	N
Fire:	N
Reactivity:	N
Sudden Release of Pressure:	N

Canada

Ingredient	CAS #	NPRI
Alkylphenoxy polyethoxyethanol	26027-38-3	Listed

WHMIS hazard class:	Not for sale in Canada.
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STATE RIGHT TO KNOW

Ingredient	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Phosphoric acid	7664-38-2	Listed	Listed	Listed	Listed	Listed	Listed
Water	7732-18-5	-	-	-	-	-	-
Alkylphenoxy polyethoxyethanol	26027-38-3	-	-	-	-	-	-
Disodium n-lauryl beta- iminodipropionate	3655-00-3	-	-	-	-	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Phosphoric acid	7664-38-2	10 - 30%	5000		

16. OTHER INFORMATION

HMIS	Health	3	Fire Hazard	0	Reactivity	0
NFPA	Health:	3	Flammability:	0	Instability:	0

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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