

ISSUE DATE: June 2017

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VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME TUB & TILE CLEANER

OTHER MEANS OF IDENTIFICATION

Product Code E8
SDS Number E-069
UN/ID No UN3264

Recommended Uses Bath and tile cleaner.

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS EMULSO
2750 Kenmore Avenue
Tonawanda, NY 14150

EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (716) 854-2889
COMPANY FAX NUMBER (716) 854-2809
24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)
NORTH AMERICA 800-535-5053
INTERNATIONAL 352-323-3500

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Skin corrosion/irritation Category 1 Sub-category B
Serious eye damage/eye irritation Category 1
Acute toxicity – Inhalation (Dusts/Mists) Category 4

SIGNAL WORD Danger

HAZARD STATEMENTS



HAZARD STATEMENTS
1. Harmful if inhaled
2. Causes severe skin burns and eye damage

APPEARANCE Blue Liquid

PHYSICAL STATE Liquid

ODOR Mint

PRECAUTIONARY STATEMENTS

PREVENTION Wear protective gloves/protective clothing/eye protection/face protection.

Use only outdoors or in a well-ventilated area.
Do not breathe dusts or mists.
Wash face, hands and any exposed skin thoroughly after handling.

- RESPONSE** Immediately call a POISON CENTER or doctor.
- IF SWALLOWED** Rinse mouth. Do NOT induce vomiting.
- IF IN EYES** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor.
- IF ON SKIN/HAIR** Take off immediately all contaminated clothing. Rinse skin with water/ shower.
Wash contaminated clothing before reuse.
- IF INHALED** Remove person to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER or doctor.
- STORAGE** Store locked up.
- DISPOSAL** Dispose of contents/container to an approved waste disposal plant.
- OTHER INFORMATION** Toxic to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Phosphoric Acid	7664-38-2	10-20
Proprietary Surfactant	Proprietary	1-10
Proprietary Alcohol	Proprietary	<1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

- GENERAL ADVICE** Immediately call a poison center or doctor/physician.
- EYE CONTACT** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
- SKIN CONTACT** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
- INHALATION** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor/physician.
- INGESTION** Rinse mouth. Do NOT induce vomiting.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & DELAYED

MAIN SYMPTOMS Harmful if inhaled. Causes severe skin burns and eye damage.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

NOTES TO PHYSICIAN Treat symptomatically.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA Not determined.

SPECIFIC HAZARDS ARISING FROM CHEMICAL Not determined

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

PERSONAL PRECAUTIONS Use personal protective equipment as required.
ENVIRONMENTAL PRECAUTIONS See Section 12 for additional Ecological Information.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

CONTAMINATION Prevent further leakage or spillage if safe to do so.
CLEAN-UP Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING**

PROTECTIVE MEASURES Wear protective gloves/protective clothing and eye/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dusts or mists. Wash face, hands and any exposed skin thoroughly after handling.

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS Store locked up.

INCOMPATIBLE MATERIALS None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Phosphoric Acid	STEL: 3 mg/m ³ TWA: 1 mg/m ³	TWA: 1 mg/m ³ (vacated) TWA: 1 mg/m ³ (vacated) STEL: 3 mg/m ³	IDLH: 1000 mg/m ³ TWA: 1 mg/m ³ STEL: 3 mg/m ³
Proprietary Alcohol	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³

ENGINEERING CONTROLS Showers. Eyewash stations. Ventilation systems.

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION	Refer to 29 CFR 1910.133 for eye and face protection regulations.
SKIN/BODY PROTECTION	Refer to 29 CFR 1910.138 for appropriate skin and body protection.
RESPIRATORY PROTECTION	Refer to 29 CFR 1910.134 for respiratory protection requirements.
GENERAL HYGIENE	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPEARANCE	Blue liquid
COLOR	Blue
ODOR	Mint
ODOR THRESHOLD	Not determined

PROPERTY VALUES

pH	Not determined
MELTING POINT/FREEZING POINT	Not determined
BOILING POINT/BOILING RANGE	Not determined
FLASH POINT	Not determined
EVAPORATION RATE	Not determined
FLAMMABILITY (SOLID, GAS)	Not determined
UPPER FLAMMABILITY LIMITS IN AIR	Not determined
LOWER FLAMMABILITY LIMITS IN AIR	Not determined
VAPOR PRESSURE	Not determined
VAPOR DENSITY	Not determined
RELATIVE DENSITY	Not determined
WATER SOLUBILITY	Not determined
SOLUBILITY IN OTHER SOLVENTS	Not determined
PARTITION COEFFICIENT: n-octanol/water	Not determined
AUTOIGNITION TEMPERATURE	Not determined
DECOMPOSITION TEMPERATURE	Not determined

VISCOSITY, KINEMATIC	Not determined
VISCOSITY, DYNAMIC	Not determined
EXPLOSIVE PROPERTIES	Not determined
OXIDIZING PROPERTIES	Not determined

10. STABILITY AND REACTIVITY

REACTIVITY	Not reactive under normal conditions.
CHEMICAL STABILITY	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing.
CONDITIONS TO AVOID	Keep out of reach of children.
INCOMPATIBLE MATERIALS	None known based on information supplied.
HAZARDOUS DECOMPOSITION PRODUCTS	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT	Causes severe eye damage.
SKIN CONTACT	Causes severe skin burns.
INHALATION	Harmful if inhaled.
INGESTION	Do not ingest.

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Phosphoric Acid 7664-38-2	= 1530 mg/kg (Rat)	= 2740 mg/kg (Rabbit)	> 850 mg/m ³ (Rat) 1 h
Proprietary Surfactant	= 1400 mg/kg (Rat) = 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	-
Proprietary Alcohol	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h

Information on Toxicological Effects

SYMPTOMS Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

CARCINOGENICITY	Group 3 IARC components are "not classifiable as human carcinogens".			
Chemical Name	ACGIH	IARC	NTP	OSHA
Proprietary Alcohol		Group 3		X

LEGEND

IARC	International Agency for Research on Cancer
GROUP 3	IARC components are "not classifiable as human carcinogens"
OSHA	Occupational Safety and Health Administration of the US Department of Labor
X	Present

Numerical measures of toxicity – Product Information

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 6,978.00 mg/kg
ATEmix (dermal) 11,384.00 mg/kg
ATEmix (inhalation-dust/mist) 3.54 mg/L

12. ECOLOGICAL INFORMATION

ECOTOXICITY Toxic to aquatic life with long lasting effects.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	CRUSTACEA
Phosphoric Acid		3 - 3.5: 96 h <i>Gambusia affinis</i> mg/L LC50	4.6: 12 h <i>Daphnia magna</i> mg/L EC50
Proprietary Alcohol	1000: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 1000: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	11130: 96 h <i>Pimephales promelas</i> mg/L LC50 static 1400000: 96 h <i>Lepomis macrochirus</i> µg/L LC50 9640: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through	13299: 48 h <i>Daphnia magna</i> mg/L EC50

PERSISTENCE AND DEGRADABILITY Not determined.

BIOACCUMULATION Not determined.

MOBILITY

Chemical Name	Partition Coefficient
Proprietary Alcohol	0.05

OTHER ADVERSE EFFECTS Not determined.

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL	Disposal should be in accordance with applicable regional, national and local laws and regulations.
CONTAMINATED PACKAGING	Disposal should be in accordance with applicable regional, national and local laws and regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE STATUS

Phosphoric Acid 7664-38-2	Corrosive
Proprietary Alcohol	Toxic Ignitable

14. TRANSPORT INFORMATION

NOTE Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No UN3264
PROPER SHIPPING NAME Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid)
HAZARD CLASS 8
PACKING GROUP II

IATA

UN/ID No UN3264
PROPER SHIPPING NAME Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid)
HAZARD CLASS 8
PACKING GROUP II

IMDG

UN/ID No UN3264
PROPER SHIPPING NAME Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid)
HAZARD CLASS 8
PACKING GROUP II
MARINE POLLUTANT This material may meet the definition of a marine pollutant.

15. REGULATORY INFORMATION
INTERNATIONAL INVENTORIES

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Phosphoric Acid	X	X	X	Present	X	Present	X	X
Proprietary Surfactant	X	X			X	Present	X	X
Proprietary Alcohol	X	X	X	Present	X	Present	X	X

LEGEND

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List.
EINECS/ELINCS	European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AICS	Australian Inventory of Chemical Substances.

U.S. FEDERAL REGULATIONS
CERCLA

Chemical Name Phosphoric Acid 7664-38-2	Hazardous Substances RQs 5000 lb	CERCLA/SARA RQ	Reportable Quantity (RQ) RQ 5000 lb final RQ RQ 2270 kg final RQ
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SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (CLEAN WATER ACT)

Chemical Name Phosphoric Acid	CWA - Reportable Quantities 5000 lb	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances X
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U.S. STATE REGULATIONS

U.S. STATE RIGHT-TO-KNOW REGULATIONS

CALIFORNIA PROPOSITION 65

This product does not contain any Proposition 65 chemicals.

U.S. STATE RIGHT-TO-KNOW REGULATIONS

Chemical Name Phosphoric Acid 7664-38-2	New Jersey X	Massachusetts X	Pennsylvania X
Proprietary Alcohol	X	X	X

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not determined	Not determined	Not determined	Not determined
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not determined	Not determined	Not determined	Not determined

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET