



SAFETY DATA SHEET

Tub and Tile Cleaner 15 to 1

1. Identification

Trade Name: Tub and Tile Cleaner 15 to 1

Product Code: PC1090

Intended use: Dilute product with water per instructions on packaging. Spray from diluted product container onto surface intended to be cleaned.

Manufacturer/Supplier:

Plesh Contract Packaging

711 Northland Ave, Buffalo, NY 14211

Phone: 716-883-4000 Fax 716-892-1171

Emergency Telephone Number:

CHEMTREC (800) 424-9300, in Canada CANUTEC 613-996-6666.

2. Hazards Identification

Classification of the substance or mixture

Classification according to 29 CFR (HAZCOM 1910.1200)

Serious Eye Damage	Category 1
Skin Corrosion	Category 1B
Reproductive Toxicity	Category 1B
Specific Target Organ Toxicity, single exposure, Respiratory System	Category 3

Label elements:



GHS07

Signal word: **Danger!**

Hazard Determining components of labeling: See section #3

Hazard Statements

H314 Causes serious skin and eye damage.
H335 May cause respiratory irritation
H360Df May damage the unborn child. Suspected of damaging fertility. (Oral exposure)

Precautionary Statements

P102 Keep out of reach of children.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing mist/vapours/spray.
P263 Avoid contact during pregnancy and while nursing.
P264 Wash hand thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/clothing and eye/face protection.
P301/P310/ P330/P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting.
P302/P361/P363 IF ON SKIN: Rinse skin with water [or shower]. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.
P304/P312/P340 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. Remove person to fresh air and keep comfortable for breathing.
P305/P351/P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. Continue rinsing.
P308/P313 IF exposed or concerned: Get medical advice/attention.
P403/P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings

Health: 3
Fire: 1
Reactivity: 0

HMIS ratings

Health: 3
Fire: 1
Reactivity: 0

3. Composition/Information on ingredients

Chemical characterization: Mixture

CAS No.	Description	% Range
CAS : 97-99-4 EINECS : 202-625-6	Tetrahydrofurfuryl alcohol	9.0 – 11.0%
CAS: 79-14-1 EINECS: 201-180-5	Glycolic acid	9.0 – 11.0%

CAS: 50-21-5 EINECS: 200-018-0	Lactic acid	6.5 – 9.0%
CAS: 77-92-9 EINECS: 201-069-1	Citric acid	4.0 – 6.5%
CAS: 68515-73-1 EINECS: 500-220-1	Alkylpolyglucosides	4.0 – 6.5%
CAS: 86438-79-1 EINECS: 263-058-8	Cocamidopropyl betaine	2.0 – 4.0%
CAS: 527-07-1 EINECS: 208-407-7	Sodium gluconate	0.5 – 2.5%
CAS: 9005-64-5 EINECS: 500-018-3	Polyoxyethylene sorbitan monooleate	0.5 – 1.5%
CAS: 122-99-6 EINECS: 204-589-7	Phenoxyethanol	0.5 – 1.5%
CAS: 1310-73-2 EINECS: 215-185-5	Sodium hydroxide	0.5 – 1.5%
CAS: Trade Secret EINECS: N/A	Fragrance	0.5 – 1.0%

Specific chemical identities or concentrations are being withheld as a trade secret.

4. First Aid Measures

General Advice: In the case of accident or if you feel ill, seek medical attention.

Inhalation: Avoid breathing vapors or mists. Move to fresh air. Seek medical attention.

Skin contact: Wash immediately with soap and water. If skin corrosion occurs, seek medical attention.

Eye contact: Rinse thoroughly with water for at least 15 minutes and seek medical attention.

Ingestion:

Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Get medical attention immediately. Never give anything by mouth to an unconscious person

Information for doctor: The exact composition is available upon request to physicians and other health professionals.

5. Fire Fighting Measures

Fire:

Not considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard.

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode

6. Accidental Release Measures

Personal cautions: Ensure adequate ventilation. Avoid contact with skin and eyes

Environmental cautions: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

7. Handling and Storage

Handling:

Technical measures/precautions: Use only in area well ventilated area.

Safe handling advice: Avoid breathing vapors.

Storage: Store in a cool, well-ventilated area away from heat, oxidizers and all sources of ignition.

Incompatible products: Oxidizers

8. Exposure Controls/Personal Protection

Engineering measures to reduce exposure:

Ensure adequate ventilation.

Respiratory protection: No personal respiratory protective equipment normally required.

Skin and body protection: Avoid prolonged or repeated skin contact.

Eye protection: Avoid contact with eyes. If splashes are likely to occur, wear: Goggles

Hand protection: Preventive skin protection: Neoprene Gloves.

9. Physical and Chemical Properties

General Information

Appearance: Non-viscous liquid, water white to slight straw

Odor: Fresh; minty sweet grass

Flash Point (tag closed cup): N/A

pH @60° F: 2.7 – 3.3

Viscosity: 0-75 mPas (@ 60F)

Specific gravity: 1.10

Auto Ignition: Product will not self-ignite

Explosion: Not considered to be an explosion hazard.

Water Solubility: infinite

Vapor density: >1 (air = 1)

Evaporation rate: <1 (butyl acetate = 1)

Volatile organic compounds (calc.): 110g/L

10. Stability and Reactivity

Stability: Stable under recommended storage conditions.

Polymerization: None under normal processing.

Conditions to avoid: Heat, static electricity, sparks and other sources of ignition.

Materials to avoid: Strong acids and oxidizing agents.

Hazardous decomposition products: None reasonably foreseeable.

11. Toxicological Information

Caution: Contains surfactants and THFA. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention. Can cause serious skin and eye damage.

Tetrahydrofurfuryl alcohol

Oral LD50 (Rat) >2000 mg/kg

Ethylene glycol monophenyl ether

Oral LD50 (Rat) 1850 mg/kg

Dermal LD50 (Rabbit) 5 mL/kg

Inhalation LD50 (Rat) >0.057 mg/L

Glycolic acid

Oral LD50 (Rat) 1950 mg/kg

Inhalation LC50 (Rat) 15.4 mg/L

Lactic acid

Oral LD50 (Rat) 3730 mg/kg

Oral LD50 (Mouse) 4875 mg/kg

Dermal LD50 (Rabbit) > 2000 mg/kg

Citric acid

Oral LD50 (Rat)	3000 mg/kg
Oral LD50 (Mouse)	5040 mg/kg
Oral LD50 (Rabbit)	> 7000 mg/kg

Carcinogenicity:

Weight of evidence does not support any component present at greater than 0.1% to be carcinogenic.

Mutagenicity:

Weight of evidence does not support any component present at greater than 0.1% to be mutagenic or genotoxic.

Reproductive Toxicity:

THFA exposure is associated with reduced fetal body weights, male reproductive system toxicity in animals.

Tetrahydrofurfuryl alcohol NOAEL 69 mg/kg. Risk of deleterious effects dependent on duration and level of exposure.

Teratogenicity:

Available data does not support any component present at greater than 0.1% to be teratogenic.

12. Ecological Information

Toxicity

Aquatic toxicity: No information available

General Notes: Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

Results of PBT/vPvB assessment:

PBT (Persistent Bio-accumulative & Toxic): Not determined

vPvB (Very Persistent & Very Bio-accumulative): Not determined

13. Disposal Considerations

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

Contaminated packaging: Disposal must be made according to local and federal regulations.

14. Transport Information

General Transportation Statement

DOT, IATA, IMDG

UN No. 3265

Corrosive Liquid, Acidic, Organic, N.O.S. (mixtures of glycolic acid and water)

Packing Group III

Class 8

Marine Pollutant: No

Other information:

Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements and mode-specific or quantity-specific shipping requirements

15. Regulatory Information

SARA (Superfund Amendments and Reauthorization Act)

Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (specific toxic chemical listings): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): Plesh Contract Packaging certifies that all components listed below for the subject finished product are on the TSCA Inventory of Chemical Substances and are not subject to any chemical specific regulation under TSCA section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.

Carcinogenic Categories:

EPA (Environmental Protection Agency): None of the ingredients are listed

IARC (International Agency for Research on Cancer): None of the ingredients are listed

NTP (National Toxicology Program): None of the ingredients are listed

California Prop. 65: This mixture does not contain any intentionally added ingredients subject to reporting under California Prop. 65.

16. Other Information

For chemical emergencies, spills, leaks, fire or exposure

CHEMTREC (800) 424-9300, in Canada CANUTEC 613-996-6666.

All non-emergency questions should be directed to customer service

Phone: 716-883-4000 Fax 716-892-1171.

Plesh Contract Packaging provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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Prepared by: Central Laboratory

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