Safety Data Sheet Enviro-Flush 3060

1 Identification

Product Name: Enviro-Flush PA50
Chemical Name: N/A
Chemical Formula: N/A
Common Name: N/A
CAS Number: N/A
EPA Registry Name: N/A
SDS Number/Product Number: TC2519
Recommended Use: Summer toilet chemical.

Supplier's details

Tysol LLC
1561 Woodlane Drive
PO Box 25098
Woodbury, MN 55125 USA
651-730-4923
info@tysol.com

Emergency phone number
1-800-255-3924 (ChemTel)

2 Hazard(s) identification

Hazard Classification (in accordance with 29 CFR 1910.1200): This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard Pictogram(s): Not Applicable

GHS Signal Word: Not Applicable

GHS Hazard Statements: Not Applicable

GHS Precautionary Statements: Not Applicable

Hazards not Otherwise Specified: Can be irritating to the eyes. Can be irritating to the skin.

3 Composition/information on ingredients

Description	CAS Number	Composition
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	<1%

4 First-aid measures

General Advice: Show this safety data sheet to the doctor in attendance.

Inhalation: Move to fresh air. If symptoms persist, call a physician.

Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye Contact: Rinse with thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion: Clean mouth out with water and drink afterwards plenty of water. If symptoms persist, call a physician.

Most important symptoms/effects:
No information available

Indication of immediate medical attention: 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: Do not scatter spilled material with high pressure water streams.

Specific Hazards arising from the chemical: Keep product and empty container away from heat and sources of ignition.

Hazardous combustion products include: Carbon oxides, potassium oxides, nitrogen oxides, sulfur oxides.

Protective equipment and precautions for firefighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6 Accidental release measures

Personal precautions, protective equipment, emergency procedures: Ensure adequate ventilation.

Methods for containment and cleaning up: Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways.

Methods for cleaning up: Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent materials (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

7 Handling and storage

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including incompatibilities: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials: Strong acids, strong oxidizing agents.

8 Exposure control/personal protection

Control Parameters
Exposure Limits: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by region specific regulatory bodies.

Appropriate engineering controls: Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment:
Eye/face protection: Tight sealing safety goggles.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls: Do not allow into any sewer, on the ground or into any body of water.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

9 Physical and chemical properties

Appearance: Liquid
Color: Blue
Odor: Lemon Lime
Odor threshold: No information available
pH: 6.0-8.0
Melting/Freezing Point: 0 °C (32 °F)
Boiling Point/Range: 100 °C (212 °F)
Flash Point: No information Available
Evaporation Rate: No information Available
Flammability (solid/gas): No information available
LFL: No information available
UFL: No information available
Vapor Pressure: No information available
Vapor Density: No information available
Relative Density: 1.0
Volatile Organic Compounds: No information available
Solubility (H_2O): Completely miscible in water
Solubility (other): No information available
Auto Ignition Temperature: No information available
Decomposition Temperature: No information available
Viscosity: 1.0 cps @ 25 °C
Partition coefficient (n-octanol/water): No information available

10 Stability and reactivity

Conditions to avoid: Excessive heat.

Incompatibility: Strong acids, strong bases.

Hazardous decomposition products: Carbon oxides.

Stability: Stable if used and stored according to recommendations.

Reactivity: None if used according to recommendations.

Possibility of hazardous reactions: When handled and stored appropriately, no dangerous reactions are known.

11 Toxicological information

Likely routes of exposure:

Inhalation: Specific test data for the mixture is not available.
Eye Contact: Specific test data for the mixture is not available.
Skin Contact: Specific test data for the mixture is not available.
Ingestion: Specific test data for the mixture is not available.

Symptoms:
Inhalation: No information available.
Ingestion: No information available.
Skin contact: No information available.
Eye Contact: No information available.

Component information

Chemical Name	Oral LD50	Dermal LD50
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides 68424-85-1	430 mg/kg	3560 mg/kg

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

Skin corrosion/irritation: No information available.
Serious eye damage/eye irritation: No information available.
Respiratory or skin sensitization: No information available.
Gram cell mutagenicity: No information available.
Carcinogenicity: No information available.
Reproductive toxicity: No information available.
STOT – single exposure: No information available.
STOT – repeated exposure: No information available.
Aspiration Hazard: No information available.
Other Adverse effects: No information available.

12 Ecological information

Ecotoxicity: The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to daphnia
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides 68424-85-1	.063 mg/ml, 96 hours (EC50)	.86 ppm 96 hours (LC50)	.0058 - .016 mg/ml, 48 hours (LC50)

Persistence and degradability: No information available
Bioaccumulative potential: No information available.
Mobility in soil: No information available.
Other adverse effects: No information available.

13 Disposal considerations

Disposal (waste/unwanted product): This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate local, state, regional, or federal regulations for additional requirements.

Disposal (containers with residue): Dispose of all containers with residue according to local, state, regional, and federal regulations.

14 Transport information

DOT

ID Number: Not regulated as a hazardous Material.
UN Proper Shipping Name: Not regulated as a hazardous Material.
Transport Hazard Class(es): Not regulated as a hazardous Material.
Packing Group: Not regulated as a hazardous Material.
Placard: Not regulated as a hazardous Material.
Marine Pollutant: No.
Transport in Bulk Requirements: Not regulated as a hazardous Material.
Special Transportation Provisions: Not regulated as a hazardous Material.
Special Note: Not regulated as a hazardous Material.
Shipping Label: None.
Placard (shipment by truck or rail in bulk): None.

15 Regulatory information

Inventory Listings:

Chemical Name	TSCA	AICS	DSL	EINECS	ELINCS	ENCS	IECSC	PICCS

Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides 68424-85-1	Present	Present	Present	Present	Present	Present	Present	Present

US Federal Regulations:

SARA313: This material, as supplied, does not contain chemical(s) regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Clean Water Act: This product does not contain any chemicals regulated as toxic pollutants pursuant to the Clean Water Act (40 CFR 401.15) when used as recommended.

SARA 311/312 Hazard Categories: Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides 68424-85-1 is listed as a SARA 311/312 hazardous chemical. Classified hazardous categories: Flammable (gases, aerosols, liquids, or solids) Acute toxicity (any route of exposure) Skin corrosion or irritation, serious eye damage or eye irritation.

16 Other information

Disclaimer

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