



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): e.grout flush
Product Description: Pump flush
Synonyms: N/A
CAS No: N/A

Supplier:
EPRO Services, Inc.
PO Box 347
Derby, KS 67037
800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

GHS Classifications: No GHS hazards.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	% (weight)	Product Identifier
Diisononyl phthalate linear	95-100	CAS No. 28553-12-0

4. FIRST-AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water.

Skin Contact: Wash with soap and water.

Ingestion: If person is conscious, wash out mouth with water. Do not induce vomiting unless instructed to do so by a poison center or physician.

Inhalation: Move person to fresh air.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water fog, foam, dry chemical, or carbon dioxide.

Hazardous Combustion Products: Carbon oxides and nitrogen oxides.

Explosion Hazards: None.

Fire Fighting Procedures: Do not use direct water stream as this may spread the fire. Use water spray to cool fire-exposed containers.

Fire Fighting Equipment: Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear protective equipment listed in Section 8.

Spill Procedures: Isolate the hazard and deny entry to unnecessary and unprotected personnel. Do not walk through or otherwise scatter spilled material. Small spills: Absorb with dry chemical absorbent, earth, sand, or any other inert material. Large spills: Create a dike or trench to contain product. Follow same procedure as for a small spill.

Environmental Precautions and Cleanup Methods: Clean spill area with detergent and water. Retain water for disposal.

7. HANDLING AND STORAGE

Handling: Do not get in eyes, on skin or on clothing. Wash hands before eating, drinking, or smoking.

Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

Storage: Store in tightly closed containers in cool, dry, and well-ventilated area away from heat or sources of ignition. Keep out of direct sunlight.

Storage Temperature: 4.4°C - 32.2°C (40°F - 90°F).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: Wear a face shield and chemical safety glasses or goggles.

Skin Protection: Wear impervious gloves. Cover exposed skin.

Respiratory Protection: None required in normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid

Odor Threshold: No data

Melting Point: No data

Freezing Point: No data

Flash Point: (Closed Cup): > 93.3°C (200°F)

Flammable Limits In Air: No data

Vapor Density (air = 1): Heavier than air

Autoignition Temperature: 370 °C (698 °F)

Specific Gravity (water = 1): 0.97 - 0.98 at 25°C (77°F)

Odor: Mild

pH: 7

Boiling Point: > 250 °C (482 °F) 5.00 mmHH

Boiling Point: No data

Evaporation Rate: No data

Vapor Pressure: < 0.01 mmHg at 20°C (68°F)

Solubility in water: Insoluble

Decomposition Temperature: No data

Viscosity (centipoise): 65 - 85 at 25°C (77°F)

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon oxides and nitrogen oxides.

Incompatibilities: Strong oxidizers.

11. TOXICOLOGICAL INFORMATION

Acute:

Component	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)	Inhalation LC ₅₀ (rat)
Diisononyl phthalate	> 10000 mg/kg	> 3000 mg/kg	

Carcinogenicity:

IARC: Not regulated as a carcinogen.

NTP: Not regulated as a carcinogen.

OSHA: Not regulated as a carcinogen.

12. ECOLOGICAL INFORMATION (non-mandatory)**Ecotoxicological Information:**

Diisononyl phthalate: LC₅₀ (zebra fish) >100 mg/L/96h. EC₅₀ (daphnia magna) >500 mg/L/24h.

13. DISPOSAL CONSIDERATIONS (non-mandatory)

Disposal Method: Dispose in accordance with local, state, provincial or national regulations.

Empty Container: Decontaminate and pass to an approved drum recycler or destroy.

RCRA/EPA Waste Information: If discarded in its purchased form, this material is not a RCRA hazardous waste.

General Comments: The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured into drains, sewers, or waterways.

14. TRANSPORT INFORMATION (non-mandatory)

U.S. DOT: Not regulated

ICAO/IATA: Not regulated

IMO/IMDG: Not regulated.

15. REGULATORY INFORMATION (non-mandatory)**United States****SARA Title III (Superfund Amendments and Reauthorization Act)**

311/312 Hazard Categories: None

313 Reportable Components: None

CERCLA (Comprehensive Environmental Response and Liability Act): None

TSCA (Toxic Substances Control Act): All components are on TSCA inventory

RCRA Status: If discarded in its purchased form, this material is not a RCRA hazardous waste

16. OTHER INFORMATION

This information provided on this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designated only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as 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 material or in any process, unless specified in the text.