

Date prepared: **APRIL 2013**
Date revised: **JANUARY 2019**

SDS No.G.O.1

Section 1 – Product IdentificationIDENTITY: *Product Name:* **InjectPro-GROUT-OUT**
Product Use Description: **Urethane Grout Pump cleaner**AQUAFIN, INC.
505 BLUE BALL RD. #160
ELKTON, MD 2192124 hr Emergency Phone: Chem-Tel **(800) 394-1410**
Information Phone No. **(410) 392-2300**
www.aquafin.net info@aquafin.netRecommended use of the chemical and restriction on use: Refer to the product technical data sheet.
For industrial and professional users.**Section 2 – Hazards Identification****GHS Classification:** No GHS hazards.**Label Elements:** The product does not require a hazard warning label in accordance with GHS criteria.Signal Word: None.
Hazard Statements: None.**Precautionary Statements:**INGESTION MAY CAUSE GASTRIC DISTURBANCES.
Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator.
Avoid contact with the skin, eyes and clothing.
Avoid inhalation of mists/vapors.
Wear safety glasses with side shields.
Wear chemical resistant protective gloves.
Wear protective clothing.**Prevention:** Not applicable.**Response:** Not applicable.**Storage:**

P402: Store in a dry place.

Disposal:

P501: Dispose of contents to an approved waste disposal site.

Section 3 – Composition / Information on Ingredients

Component:	CAS No.	% (Weight)
Di-isononyl phthalate linear	28553-12-0	95 - 100

Section 4 – First Aid Measures**Inhalation:** Supply fresh air and consult a physician if breathing becomes difficult. Symptoms may be delayed for several hours.**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.**Skin Contact:** Flush skin with plenty of water. Do not use solvents or thinners. Remove contaminated clothing and shoes. Seek medical advice if irritation or rash occurs. Wash clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove contact lenses, if present. Seek medical attention if irritation persists.

Note to physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 – Fire Fighting Measures

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

Fire Fighting Procedures: Standard. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray. Do not scatter material with high pressure water streams.

Explosion Hazards: None.

Hazardous Combustion Products: Carbon oxides and nitrogen oxides.

Section 6 – Accidental Release Measures

Person-related Safety Precautions: Provide plenty of fresh air. Avoid eye and skin contact. Avoid inhalation of vapors. Wear personal protective equipment. Remove or eliminate all ignition sources.

Methods for cleaning-up: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. 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.

Waste Disposal Method: Dispose in accordance with local, state and federal regulations.

Ecological Information: Do not allow product to reach ground water, bodies of water, or storm water or sewage systems.

Section 7 – Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

Storage: Keep container tightly closed when not in use. Do not store in direct sunlight. Avoid UV light. Segregate from strong oxidizing agents.

Storage Temperature: 4°C – 32°C (~40°F - ~90°F).

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Use adequate ventilation.

Respiratory Protection: None required in normal use.

Skin Protection:	Wear chemical resistant protective clothing and footwear impervious to the product if there is a potential for skin contact.
Hand Protection:	Glove(s): neoprene.
Eye Protection:	Use safety goggles or face shield.
Other Protective Equipment:	A safety shower and eye wash fountain should be readily available.
Work/Hygienic Practices:	Wash hands before breaks and after work, and before eating, drinking or smoking.

Section 9 – Physical and Chemical Properties

Physical state:	Liquid
Color:	Colorless
Odor:	Mild
Boiling point:	>250°C (>480°F)
Solubility in water:	< 0.1 mg/l
Solubility (quantitative):	No data available
Solubility (qualitative):	Soluble
Flash point:	>93°C (>200°F) (closed cup)
Vapor Pressure:	<0.0001 mmHg at 25°C (77°F)
Flammability:	Not flammable
Specific Gravity (water = 1) at 25°C:	0.97 – 0.98 g/cm ³
Viscosity, (dynamic) at 25°C:	65 – 85 mPa.s (65 – 85 cps)
Auto ignition Temperature:	370°C (698°F)
pH:	7
Lower explosion Limit:	No data available
Upper explosion Limit:	No data available.

Section 10 – Stability and Reactivity

Reactivity:	No applicable information available.
Corrosion to metals:	No corrosive effect on metal.
Oxidizing properties:	Based on its structural properties the product is not classified as oxidizing.
Hazardous Decomposition Products:	Carbon oxides and nitrogen oxides.
Chemical Stability:	Stable under normal temperatures and pressures. Keep away from heat sources.
Conditions To Avoid:	No special precautions other than good housekeeping chemicals.
Hazardous Polymerization:	Can be caused by elevated temperatures.
Incompatibilities:	Strong oxidizing agents.

Section 11 – Toxicological Information

Primary routes of exposure:	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes for entry for gases include inhalation and eye contact. Skin contact may be a route of entry for
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liquefied gases.

Acute toxicity:

Di-isononyl phthalate:	Dermal:	LD50	>3,000 mg/kg	(rabbit).
	Oral:	LD50	>10,000 mg/kg	(rat).
	Inhalation:	LC50	>4.4 mg/l/4 hr	(rat).

Carcinogenicity:

IARC: Not regulated as a carcinogen.
NTP: Not regulated as a carcinogen.
OSHA: Not regulated as a carcinogen.

Section 12 – Ecological Information

Ecotoxicological Information:

Di-isononyl phthalate:	LC50	>100 mg/L/96h	(zebra fish).
	EC50	>500 mg/L/24 h	(daphnia magna).
	LC50	>7,300 mg/kg/14 d	(eisenia foetida, soil dwelling organisms).

Mobility in soil:

The substance will slowly evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is expected.

Section 13 – Disposal Considerations

Product waste: Must be disposed of in a manner consistent with federal, state and local regulations. Do not discharge substance/product into sewer system.

Packaging waste: Decontaminate and pass to an approved drum recycler or destroy and dispose of in a manner consistent with federal, state and local regulations.

Section 14 – Transport Information

USDOT (Domestic Surface): Not regulated

IMO (Ocean): Not regulated

IATA/ICAO (Air): Not regulated.

Section 15 – Regulatory Information

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.

SARA Title III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories: Not hazardous.

313 Reportable Components: None.

California Proposition 65: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm:

State Regulations:	PA
Component	CAS NUMBER

Di-isononyl phthalate	28553-12-0
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Section 16 – Other Information

(Hazard Rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; * = Chronic)

HMIS III rating:

Health: 0* Flammability: 0 Physical hazard: 0 Personal Protection: A

Abbreviations and acronyms:

USDOT: United States Department of Transportation.
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
CAS: Chemical Abstracts Service (Division of the American Chemical Society).
LC50: Lethal concentration, 50 percent.
LD50: Lethal dose, 50 percent.
EC50: Median effective concentration.
RQ: Reportable quantity.

SDS prepared by: Aquafin product safety department.

DISCLAIMER:

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use. Aquafin shall not be responsible for the use of this product in a manner to infringe on any patent or any other intellectual property rights held by others. User is responsible for determining appropriate safety measures and for applying the legislation covering his own activities. We recommend that user makes tests to determine the suitability of a product for its particular purpose prior to use.

END OF SDS

(January 22, 2019)