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SDS No. E.1.7.2

Section 1 – Product Identification

IDENTITY: *Product Name:*

InjectProECO-Soil Accelerator

Product Use Description:

Accelerator for Polyurethane Injection Grout Ground Stabilizer

AQUAFIN, INC.
505 BLUE BALL RD. #160
ELKTON, MD 21921

Emergency Phone No. (800) 394-1410
Information Phone No. (410) 392-2300
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Recommended 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: GHS05 Corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

GHS Label element:

Hazard Pictograms



GHS05

Signal Word: Danger

Hazard Statements:

H 314 Causes severe skin burns and eye damage.

Prevention:

Precautionary Statements:

P260 Do not breathe dusts or mists.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash thoroughly after handling.

Response:

P303+361+353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+351+338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P363 Wash contaminated clothing before reuse.

P301+330+331 If swallowed: Rinse mouth. Do NOT induce vomiting.

Storage:

P405 Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 – Composition / Information on Ingredients

Description: Mixture of the substances listed below with nonhazardous additions.

Hazardous Components	CAS No.	Weight %
Amines, coco alkyldimethyl	61788-93-0	25-50%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence not require reporting in this section.

Section 4 – First Aid Measures

General information: Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After Inhalation: In case of unconsciousness place patient stably in side position for transportation.

After Ingestion: Immediately seek medical attention. Do not induce vomiting without medical advice. If conscious, drink plenty of water.

After Skin Contact: Immediately wash with water and soap and rinse thoroughly. Wash clothing before reuse. Seek medical attention if symptoms persist.

After Eye Contact: Rinse opened eye with plenty of running water for at least 15 minutes, lifting upper and lower eyelids occasionally. Consult physician.

Section 5 – Fire Fighting Measures

Extinguishing Media: Carbon dioxide (CO₂), extinguishing powder, water spray. Fight larger fires with water spray or alcohol resistant foam.

Special Fire Fighting Procedures: As in any fire, wear full protective gear and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

Section 6 – Accidental Release Measures

Person-related Safety Precautions: Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Prevent material from reaching sewage and drainage systems or bodies of water. Inform respective authorities in case of seepage into water course or sewage system.

Methods for Cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralizing agent.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

Section 7 – Handling and Storage

Handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
Storage: Store locked up, in a dry enclosed area off the ground in tightly closed containers.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Use with adequate general and local exhaust ventilation.
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Respiratory Protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Skin Protection: Wear Gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye Protection: Wear tightly sealed goggles .

Work/Hygienic Practices: Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

Section 9 – Physical and Chemical Properties

Physical State: Liquid
Appearance/Color: Colorless
Odor: Amine-like
Solubility in water: *Not miscible or difficult to mix.*
Boiling Point: Undetermined.
Melting Point: Undetermined.
Flash Point: Not applicable.
Auto ignition: Product is not self-igniting.
pH (in water):
VOC Concentration: 0.0 g/l / 0.00 lb/gl

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: No information available.

Hazardous Decomposition Products: No dangerous decomposition products known.
Incompatibilities: No information available.

Section 11 – Toxicological Information

Acute toxicity:
LD/LC50 values that are relevant for classification:
61788-93-0 Amines, coco alkyldimethyl Oral LD50 1450 mg/kg (rat)

Primary irritant effect:
On the skin: Caustic effect on skin and mucous membranes.
On the eye: Strong caustic effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

Section 12 – Ecological Information

Aquatic toxicity:

61788-93-0 Amines, coco alkyldimethyl
LC50/96 h 0.1-1 mg/l (zebrafish)

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Ecotoxicological effects:

Remark: Very toxic for fish

Additional ecological information:

General notes:

Water hazard class 2 (Self-assessment): Hazardous for water. Do not allow product to reach ground water, water course or sewage system.
Must not reach bodies of water or drainage ditch undiluted or unneutralized.
Danger to drinking water, if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms.

Section 13 – Disposal Considerations

Waste Disposal Method: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Unused Residue or Dry Spillage: Disposal must be made according to official regulations.

Container disposal: Disposal must be made according to official regulations.

Section 14 – Transport Information

RCRA Hazard Class: Non-hazardous

USDOT (Domestic Surface)	8 Corrosive substances, Packing Group III
IMDG (Ocean) Hazard Class or Division:	8 Corrosive substances, Packing Group III
IATA/ICAO (Air) Hazard Class or Division:	8 Corrosive substances, Packing Group III
TDG (Canada):	8 Corrosive substances, Packing Group III
UN Number:	UN2735

Section 15 – Regulatory Information

SARA 311/312 (RTK): Hazard Categories: Acute Health: YES

SARA Section 313 Notification: None of the ingredients is listed.

CERCLA: No CERCLA chemicals exist in this product above reportable concentrations.

TSCA Section 12(b) Export Notification All ingredients are listed.

California Proposition 65: Warning – This product contains a chemical known to the State of California to cause cancer. #28553-12-0, di-"isononyl" phthalate

Section 16 – Other Information

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

HMIS III rating:

Health: 1* Flammability: 0 Physical hazard: 1

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.

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

(March 11, 2019)