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SDS No. E.1.3.1

Section 1 – Product Identification

IDENTITY: *Product Name:* **InjectProECO-LV Accelerator**
Product Use Description: **Accelerant for Polyurethane Injection Grout - Waterproofing**

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

24 hr Emergency Phone: Chem-Tel (800) 255-3924
Information Phone No. (410) 392-2300
www.aquafin.net info@aquafin.net

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:

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:

H314: Causes severe skin burns and eye damage

Precautionary Statements:

Prevention:

P102: Keep out of reach of children.
P260: Do not breathe dusts or mists.
P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P303+361+353: IF ON SKIN: (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340: IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P310: Immediately call a POISON CENTER or doctor/physician
P363: Wash contaminated clothing before reuse.

Storage:

P405: Store locked up.

Disposal:

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

Section 3 – Composition / Information on Hazardous Ingredients

Component:	CAS No.	% (Weight)
Amines, coco alkyldimethyl	61788-93-0	25 – 50

Note: 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 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 is suggested for at least 48 hours after the accident.

Inhalation: Supply fresh air and consult a physician if breathing becomes difficult. In case of unconsciousness, place patient stably in side position for transportation.

Ingestion: Immediately call a doctor. Drink copious amounts of water and provide fresh air. Immediately. Do not induce vomiting unless instructed to do so by a poison center or physician.

Skin Contact: Immediately wash with water and soap and rinse thoroughly. 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 open eyes with plenty of running water for at least 15 minutes, lifting upper and lower eyelids occasionally. Then consult a doctor.

Section 5 – Fire Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical or water. Fight larger fires with water spray or alcohol resistant foam.

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.

Hazardous Combustion Products: Amines

Unusual Fire and Explosion Hazards: No further relevant information available.

Section 6 – Accidental Release Measures

Person-related Safety Precautions:	Provide plenty of fresh air. Avoid eye and skin contact. Avoid inhalation of vapors. Wear protective equipment. Keep unprotected persons away.
Methods for cleaning-up:	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. 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.
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. Inform respective authorities in case of seepage into water course or sewage system.

Section 7 – Handling and Storage

Handling:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Ensure good ventilation/exhaustion at workplace. Prevent formation of aerosols. Keep container tightly sealed when not in use.
Storage:	Keep container tightly sealed when not in use. Store locked up.
Storage Temperature:	4°C – 32°C (~40°F - ~90°F).

Section 8 – Exposure Controls / Personal Protection

General protective and hygienic measures:	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.
Engineering Controls:	Ensure good ventilation/exhaustion at the workplace.
Respiratory Protection:	Use local exhaust ventilation. 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 chemical resistant protective clothing and footwear impervious to the product if there is a potential for skin contact.
Hand Protection:	Glove(s): neoprene. Select the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Eye Protection:	Use tightly sealed safety goggles.
Other Protective Equipment:	A safety shower and eye wash fountain should be readily available.

Section 9 – Physical and Chemical Properties

Physical state:	Liquid
Color:	Colorless
Odor:	Amine-like
Solubility in water:	Not miscible or difficult to mix.
Boiling point:	Undetermined
Flash point:	Not applicable

Vapor Pressure:	Not determined.
Viscosity: Dynamic at 68°F:	51 mPas
Flammability:	Not applicable.
Auto ignition:	Product is not self-igniting.
Ignition Temperature:	752°F (400°C)
Danger of Explosion:	Product does not present an explosion hazard.
Lower explosion Limit:	0.3 Vol %
Upper explosion Limit:	1.7 Vol %

Section 10 – Stability and Reactivity

Reactivity:	No dangerous reaction known under conditions of normal use.
Hazardous Decomposition Products:	No dangerous decomposition products known.
Chemical Stability:	Stable under normal temperatures and pressures.
Conditions To Avoid:	No further relevant information available.
Possible Hazardous Reaction:	No further relevant information available.
Incompatibilities:	No further relevant information available.

Section 11 – Toxicological Information

Acute toxicity:

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.

Carcinogenicity:

IARC: None of the ingredients is listed

NTP: None of the ingredients is listed.

OSHA: None of the ingredients is listed.

Section 12 – Ecological Information

Aquatic toxicity:

61788-93-0 Amines, coco alkyldimethyl LC50/96 h >1000 mg/l (zebrafish)

· **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

- Product waste:** Must be disposed of in a manner consistent with federal, state and local regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage 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.
- RCRA/EPA Waste Information:** If discarded in its purchased form, this material is not a RCRA hazardous waste.

Section 14 – Transport Information

- UN-Number:** UN2735
- UN Proper Shipping Name:** DOT Amines, liquid, corrosive, n.o.s. (Amines, coco alkyldimethyl)
IMDG AMINES, LIQUID, CORROSIVE, N.O.S. (Amines, coco alkyldimethyl),
MARINE POLLUTANT
IATA AMINES, LIQUID, CORROSIVE, N.O.S. (Amines, coco alkyldimethyl)
- Transport hazard class(es):** DOT, CLASS 8, Corrosive substances
IMDG, CLASS 8, Corrosive substances
IATA, CLASS 8, Corrosive substances
- Packaging Group:** DOT, IMDG, IATA: III
- Environmental hazards:** Product contains environmentally hazardous substances: Amines, coco alkyldimethyl
- Marine pollutant:** Yes. Symbol (fish and tree)
- Special precautions for user:** Warning: Corrosive substances
- Danger code (Kemler):** 80
- EMS Number:** F-A,S-B
- Segregation groups:** Alkalis
- Stowage Category:** A
- Segregation Code:** SG35 Stow "separated from" acids.
- Transport/Additional information:**
- DOT Quantity limitations** On passenger aircraft/rail: 1 L
On cargo aircraft only: 30 L
 - Remarks:** Special marking with the symbol (fish and tree).
 - IMDG Limited quantities (LQ)** 5L
 - Excepted quantities (EQ)** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
- UN "Model Regulation":** UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (AMINES, COCO ALKYL DIMETHYL), 8, III, ENVIRONMENTALLY HAZARDOUS

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.

US Federal Regulatory Information:

SARA Title III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories: Acute, Chronic, Reactive.

313 Reportable Components:

Component	CAS NUMBER
di-"isononyl" phthalate	28553-12-0
Amines, coco alkyldimethyl)	61788-93-0

CERCLA (Comprehensive Environmental Response and Liability Act)

These materials are not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

Proposition 65:

Chemicals known to cause cancer: None of the ingredients is listed

Chemicals known to cause reproductive toxicity for males and/or females: None of the ingredients is listed

National Response Center: Any spill or release to the environment above RQ must be reported to the National Response Center (800-424-8802).

Section 16 – Other Information**Abbreviations and acronyms:**

USDOT:	United States Department of Transportation.
IMDG:	International Maritime Code for Dangerous Goods.
IATA:	International Air Transport Association.
ACGIH:	American Conference of Governmental Industrial Hygienists
CAS:	Chemical Abstracts Service (Division of the American Chemical Society).
VOC:	Volatile Organic Compounds (USA, EU)
LC50:	Lethal concentration, 50 percent.
LD50:	Lethal dose, 50 percent.
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 30, 2019)