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SDS No. L.1.E

Section 1 – Product Identification

IDENTITY: Product Name: **LEVEL-ONE-EZ**

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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:

Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
Skin corrosive	1C	Destruction of dermal tissue: Exposure < 4 hours Observation < 14 days, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
Skin sensitizer	1	Skin sensitizer
Carcinogen	1A	Known Human Carcinogen Based on human evidence

GHS Label element:

Hazard Pictograms



Signal Word: **Danger**

Hazard Statements:

- H302 Harmful if swallowed
- H314 Causes severe skin burns and eye damage
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H350 May cause cancer

Precautionary Statements:

Prevention:

- P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
- P260 Do not breathe dust/fume/gas/mist/vapors/spray
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product
- P272 Contaminated work clothing should not be allowed out of the workplace
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P281 Use personal protective equipment as required
- P310 Immediately call a POISON CENTER or doctor/physician
- P321 Specific treatment, see supplemental first aid information
- P330 Rinse mouth
- P363 Wash contaminated clothing before reuse

Response:

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 P302+P352 IF ON SKIN: Wash with soap and water
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
 P308+P313 IF exposed or concerned: Get medical advice/attention
 P333+P313 If skin irritation or a rash occurs: Get medical advice/attention

Storage:

P403 + P232: Store locked up. Store in a well-ventilated place. Protect from moisture.

Disposal:

P501: Dispose of contents/container in accordance with local/regional/national/international regulations. Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.

Section 3 – Composition / Information on Ingredients

Product based on cement and mineral filler.

Hazardous Components	CAS No.	Weight %
Quartz	14808-60-7	40.0 – 50.0%
Limestone	1317-65-3	10.0-20.0%
Portland Cement	65997-15-1	5.0-10.0%

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

After Inhalation: Supply fresh air. If required, provide artificial respiration by qualified medical personnel. Keep patient warm. Consult doctor if symptoms persist.

After Eye Contact: Remove contact lens if worn. Rinse opened eye for 20 to 30 minutes under running water. If symptoms persist, consult a doctor.

After Skin Contact: Remove all contaminated clothing. Immediately wash affected skin with lukewarm water and soap, rinse thoroughly (20 min.). If skin irritation continues, consult a doctor.

After Swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting. Call for medical help immediately.

Notes to Physician: Treat symptomatically.

Section 5 – Fire Fighting Measures

Flammable Limits: Not flammable under normal conditions. Contact with water may cause hydration and formation of caustic alkaline material.

Extinguishing Media: Carbon dioxide (CO₂), dry chemical, alcohol-resistant foam. DO NOT

USE WATER.

- Special Hazards Arising from the Substance of Mixture:** Formation of toxic gases is possible during heating or in case of fire.
- Hazardous Combustion Products:** Carbon oxides, sulphur oxides, calcium oxide, aldehydes.
- Advice for Firefighters:** Wear self-contained respiratory protective device and other proper protective equipment.
- Fire Damage:** Dispose of fire debris and contaminated fire-fighting media in accordance with official regulations.

Section 6 – Accidental Release Measures

- Person-related Safety Precautions:** Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Remove all non-essential people from the affected area. Ensure adequate ventilation. Wear protective equipment.
- Environmental precautions:** Do not allow to enter sewers/ surface or ground water. Prevent seepage into sewage system, work pits and cellars.
- Methods and Materials for Containment and Cleaning Up:** Ensure adequate ventilation. Pick up and arrange disposal without creating dust. Dispose of the collected material according
- Reference to Other Sections:** For personal protection see Section 8.
For disposal information see Section 13.

Section 7 – Handling and Storage

- Precautions for Safe Handling:** Avoid formation of respirable particles. Do not breath vapors/dust. Do not get in eyes, on skin, or on clothing. Ensure good ventilation/ exhaustions at the workplace. Make sure that all applicable workplace limits are observed.
- Conditions for Safe Storage, Including any Incompatibilities:** Store in cool, dry conditions in well-sealed receptacles. Keep receptacle tightly sealed. Store in dry conditions. Protect from humidity and water. Storage temperature 10 - 50 °C. Do not store together with oxidizing and acidic materials.
- Requirements to be Met by Storerooms and Receptacles:** Observe all local and national regulations for storage of water polluting products.

Section 8 – Exposure Controls / Personal Protection

Ingredients with limit values that require monitoring at the workplace:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Quartz, 14808-60-7	Not Established	0.025 mg/m ³ TWA (respirable fraction)	NIOSH: 0.05 mg/m ³ TWA (respirable dust)
Limestone, 1317-65-3	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	Not Established	NIOSH: 10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Portland cement, 65997-15-1	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	1 mg/m ³ TWA (particulate matter containing no asbestos and	NIOSH: 10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)

General Protective and Hygienic Measures:

The usual precautionary measures are to be adhered to when handling chemicals. Do not eat, drink, smoke or sniff while working. Keep away 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.

Personal Protective Equipment:

Eye Protection:

Wear safety glasses with side shields. Goggles are preferred.

Respiratory Protection:

Use suitable respirator protective device in case of insufficient ventilation, required if TLV exceeded. Use suitable respiratory protective device when dust and fumes is formed. A NIOSH/MSHA respirator is advised.

Protection of Hands:

Protective gloves:

To avoid skin problems, the glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Recommended glove material:

Wear neoprene, or butyl rubber gloves. Note: the selection of the suitable gloves does not only depend on the material, but also on the further marks of quality and varies from manufacturer to manufacturer. For several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. Protective gloves should be replaced at the first signs of wear. The exact break through time has to be found out by the manufacturer of the protective gloves and must be observed.

Skin and Body Protection:

Choose body protection according to the amount and concentration of the dangerous substance at the work place. Eyewash and safety shower stations should be available in the work area.

Section 9 – Physical and Chemical Properties

Physical State:	Powder
Appearance/Color:	Gray
Odor:	Low
Solubility in water:	Not tested.
Boiling Point:	N/A
Melting Point:	N/A
Flash Point:	Non Flammable
Auto ignition:	N/A
pH (in water):	10-12
VOC Concentration:	0.0

Section 10 – Stability and Reactivity

Reactivity: Stable under recommended storage conditions. Interaction with water may cause

hydration and formation of alkaline material. No decomposition if stored and applied as directed.

Chemical Stability: No decomposition if stored and applied as directed.

Hazardous Decomposition Products: No decomposition if stored and applied as directed.

Section 11 – Toxicological Information

Mixture Toxicity: Oral Toxicity LD50: 1,163mg/kg

Information on Toxicological Effects Routes of Entry: No data available

Target Organs: Eyes Skin Respiratory System

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

CAS Number	Description	% Weight	Carcinogen Rating
14808-60-7	Quartz	40 to 50%	Quartz: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: listed

Section 12 – Ecological Information

Persistence and Degradability Product: No further relevant information available

Bioaccumulative Potential Product: No further relevant information available

Mobility in Soil: Product: Distribution among environmental compartments: No further relevant information available.

Additional Ecological Information: German Hazard Water Class NWG Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB Assessment: This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Other Adverse Effects Product: No further relevant information available.

Toxicity: Component Ecotoxicity

Section 13 – Disposal Considerations

Waste Disposal Method: The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with the chemical or used container. Offer surplus and non-recyclable solutions to a licensed disposal company. Send to a licensed waste management company.

Container disposal: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

Section 14 – Transport Information

This product is not regulated for transportation under the U.S. DOT, Canadian TDG, IMDG, or IATA Regulations.

RCRA Hazard Class:	Non-hazardous
USDOT (Domestic Surface)	Not regulated
IMDG (Ocean) Hazard Class or Division:	Not regulated
IATA/ICAO (Air) Hazard Class or Division:	Not regulated
TDG (Canada):	Not regulated
UN Number:	None, not regulated.

Section 15 – Regulatory Information

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

SARA Section 313 Notification: This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 or CFR 372.

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

TSCA Section 12(b) Export Notification: Crystalline silica (CAS #14808-60-7) is listed on the EPA Toxic Substance Control Act (TSCA) Section 8(b) inventory.

NTP: Crystalline silica (quartz) is classified as a Known to be a Human Carcinogen.

OSHA: Crystalline silica (quartz) is listed under 29 CFR 1910.1000 as a toxic and hazardous substance.

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Crystalline silica (respirable) is classified as a substance known by the State of California to cause cancer.

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.
CAS:	Chemical Abstracts Service (Division of the American Chemical Society).
LD50:	Lethal dose, 50 percent

SDS prepared by: Aquafin product safety department.

DISCLAIMER:

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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.