

Safety Data Sheet according to OSHA-GHS (29 CFR part 1910.1200 HCS 2012)

PRODUCT NAME Maxxon[®] Level-One™ EZ
Product Code: 12635, 12655
Date of Issue: August 2018 **Supersedes:**

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Maxxon[®] Level-One™ EZ
Recommended uses: Cement-based self-leveling underlayment
Restrictions on uses: None identified
Supplier: Maxxon Corporation
 920 Hamel Road | PO box 253
 Hamel, MN 55340
Company Telephone/Fax: (763) 478-9600 / (763) 478-2431
Emergency Telephone Number: (800) 424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATION

GHS Ratings:

Oral Toxicity	Acute Tox. 4	Oral>300+<=2000 mg/kg
Skin Corrosive	1A	Destruction of Dermal Tissue: Exposure < 3 min. Observation < 1 hour, 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

Hazard pictograms:



Signal word: Danger

Hazard Statements

Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. May cause cancer.

Precautionary Statements:

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

Response: Immediately call a POISON CENTER or doctor/physician. Specific treatment see supplemental first aid information. Rinse mouth. Wash contaminated clothing before reuse. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with soap and water. Remove/take off all contaminated clothing immediately. Rinse skin with water/shower. IF INHALED: Remove victim



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2. HAZARDS IDENTIFICATION (Continued)

to fresh air and keep at rest in a position comfortable for breathing. **IF IN EYES:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do so – continue rinsing. If exposed or concerned: Get medical advice/attention. If skin irritation or a rash occurs, get medical advice/attention.

STORAGE: Store locked up.

DISPOSAL: 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Concentration
Quartz	14808-60-7	30% - 60%
Calcium Sulfate Hemihydrate	26499-65-0	10% - 30%
Calcium Sulfate	7778-18-9	10% - 30%
Portland Cement	65997-15-1	5% - 10%
Calcium Oxide	1305-78-8	1% - 2%

4. FIRST AID MEASURES

Description of first aid measures

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

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

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.

Ingestion: Rinse mouth and drink plenty of water. Do not induce vomiting. Call for medical help immediately.

Notes to Physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash Point: 1828° F (998° C)

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

Suitable extinguishing media: Dry Chemical, Alcohol Resistant Foam, Carbon Dioxide, DO NOT USE WATER

Specific hazards arising from the chemical: Formation of toxic gases is possible during heating or in case of fire.

Hazardous Combustion Products: Carbon Oxides, Sulphur Oxides, Calcium Oxides, Aldehydes



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5. FIRE FIGHTING MEASURES (Continued)

Advice for Firefighters: Wear self-contained respiratory protective device and other proper protective equipment.

Fire Damage: Dispose of fire debris and contaminated firefighting media in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: 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 into 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 to regulations.

Reference to other sections: For personal protection, see Section 8. For disposal information, see Section 13.

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 50° - 122° F (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.

Specific End Uses(s): No further relevant information is available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

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)
Calcium Sulfate Hemihydrate 26499-65-0	15 mg/m ³ (TWA) (total dust) 5 mg/m ³ (respirable fraction)	Not Established	NIOSH: 10 mg/m ³ TWA (total dust) 5 mg/m ³ TWA (respirable dust)



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

<u>Chemical Name/CAS No.</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
Calcium Sulfate 7778-18-9	15 mg/m ³ (TWA) (total dust) 5 mg/m ³ (respirable fraction)	10 mg/m ³ TWA (inhalable fraction)	NIOSH: 10 mg/m ³ TWA (total dust) 5 mg/m ³ TWA (respirable dust)
Portland Cement 65997-15-1	15 mg/m ³ (TWA) (total dust) 5 mg/m ³ (respirable fraction)	1 mg/m ³ TWA (particulate matter containing no asbestos and <1% Crystalline Silica, respirable fraction)	NIOSH: 10 mg/m ³ TWA (total dust) 5 mg/m ³ TWA (respirable dust)
Calcium Oxide 1305-78-8	5 mg/m ³ TWA	2 mg/m ³ TWA	NIOSH: 2 mg/m ³ TWA

Additional Information: The lists that were valid during the creation were used as a basis.

General Protective and Hygienic Measure: 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/face protection: Safety glasses with side shields, goggles preferred.

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

Hand protection: 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: Neoprene, 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 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 yet to be found out by the manufacturer of the protective gloves and has to be observed. Skin and Body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place. An eyewash and safety shower stations should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Solid – grayish powder
Color: Gray
Odor: None
Odor Threshold: Not Applicable
Physical state: Solid



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9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)

pH value: 10-12
Freezing point: Not Applicable
Autoignition temperature: Not Applicable
Boiling temperature / boiling range: Not Applicable
Flash point: Not Applicable
Decomposition Temperature: Not Available
Vapor Pressure: Not Applicable
Viscosity: Not Available
Flammability: Not Flammable
Grams VOC less water: Not applicable
Partition coefficient (n-octanol/water): Not applicable

10. STABILITY AND REACTIVITY

Stable.

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.

Possibility of hazardous reactions: None known.

Other: Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 934 mg/kg

Routes of Entry:

No data available

Target Organs:

Eyes, Skin, Respiratory System

Effects of Overexposure:

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).

Description	CAS Number	%Weight	Carcinogen Rating
Quartz	14808-60-7	30%-60%	Quartz: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: Listed

12. ECOLOGICAL INFORMATION

Persistence and Degradability:

Product: No further relevant information available



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12. ECOLOGICAL INFORMATION (Continued)

Bio Accumulative 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:

Assessment: This mixture contains no substance considered to be persistent, bio accumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bio accumulating (vPvB).

Other adverse effects:

Product: No further relevant information available.

Toxicity:

Component Ecotoxicity

Calcium Sulfate:	96 Hr LC50 Lepomis Macrochirus: 2980 mg/L (static)
	96 Hr LC50 Pimephales Promelas: >1970 mg/L (static)
Calcium Oxide:	96 Hr LC50 Cyprinus Carpio: 1070 mg/L (static)

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Product: 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.

Contaminated Packaging: Empty remaining contents, dispose of as unused product. Do not re-use empty containers.

14. TRANSPORTATION INFORMATION

UN-Number

None – Not Regulated

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Not regulated			

International Maritime Organization (IMDG Code)

UN-No.	Non dangerous good
UN Proper Shipping Name	Not applicable
Hazard class	Not applicable
Packing group	Not applicable
Marine pollutant	No
Hazard label	Not applicable



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14. TRANSPORTATION INFORMATION (CONTINUED)

International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA)
UN-No. Non dangerous good
UN Proper Shipping Name Not applicable
Hazard class Not applicable
Packing group Not applicable
Hazard label Not applicable
Special handling procedure
None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable
Other special precautions
None

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Prop 65 – Chemicals Known to Cause Developmental Toxicity
None
Prop 65 – Chemicals Known to Cause Cancer
14808-60-7
U.S.- CERCLA/SARA – Hazardous Substances and their Reportable Quantities
None
U.S.- CERCLA/SARA – Section 302 Extremely Hazardous Substances EPCRA RQs
None
U.S.- CERCLA/SARA – Section 302 Extremely Hazardous Substances TPQs
None
U.S.- CERCLA/SARA – Section 313 – Emission Reporting
None
TSCA (Toxic Substances Control Act)
None

Country	Regulation	All Component Listed
USA	Inventory – United States – Section 8(b) Inventory (TSCA)	Yes
Canada	DSL (Canadian Domestic Substance List)	Yes

Safety Phrase
None

16. OTHER INFORMATION

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Issue Date: August 2018
Version: 01
Revision Date:
Prepared by: Maxxon Corporation



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16. OTHER INFORMATION (Continued)

HMIS® ratings: Health: 1
Flammability: 0
Physical hazard: 0
Personal Protection: F

NFPA ratings: Health: 1
Flammability: 0
Instability: 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Severe *=Chronic

Disclaimer: This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.