



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
info@shayandcompany.com

SAFETY DATA SHEET

Version: 1.0

Revision Date: 11/02/2023

1. Product and Company Identification:

Product: Magnesium Oil, Genuine Zechstein

Item Code: 90028

Distributor: Shay and Company

2. Hazard Identification:

Hazard Symbol: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Risk Phrases:

Routes of entry: Eyes, skin, oral, inhalation

Acute Eye Contact: May cause mild reversible eye irritation.

Chronic Eye Contact: Chronic exposure not likely from normal use.

3. Composition/Information on Ingredients:

Ingredient Deck: Magnesium Chloride Hexahydrate

CAS no: 7791-18-6; 7732-18-5

Hazardous Ingredient/s: n/a

4. First Aid Measures:

Inhalation: Unlikely route of exposure as the product does not contain volatile substances. IF INHALED: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Eyes: Flush immediately with plenty of water; seek medical attention if irritation persists.

Skin: Wash with soap and water, seek medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting; drink 2-3 glasses of water, contact physician for further treatment.

5. Fire Fighting Measures:

Suitable Extinguishers: N/A- not combustible

Extinguishers Not to be Used: none



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Hazardous Decomposition Products: Formation of toxic gases is possible during heating or fire. Above 160°C magnesium chloride decomposes in chlorine and water. Chlorine gases are toxic.

Special Fire Fighting Procedures: none

6. Accidental Release Measures:

Personal Precautions: Avoid contact with eyes.

Environmental Precautions: none

Clean Up Procedure: Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. Handling and Storage:

Handling Precautions: Handle in accordance with good industrial hygiene and safety practice.

Storage Requirements: Keep in a dry, sealed container

Temp. Max: n/a

Temp. Min: n/a

8. Exposure Controls/Personal Protection:

Occupational Exposure Limit: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Respiratory Protection: Use with adequate ventilation

Eye Protection: Wear safety glasses

Skin Protection: Protective clothing is not necessary

9. Physical and Chemical Properties:

Description: Clear, free-flowing oily liquid; mild aroma

pH: 4.0-6.0

Boiling Point: Boils without flashing

Solubility in Water (by weight): Dispersible in water

10. Stability and Reactivity:

Condition to Avoid: None

Materials to Avoid: None



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Hazardous Decomposition Products: Above 160 °C magnesium chloride decomposes in chlorine and water. Chlorine gases are toxic.

Stabilization Techniques: none; product is stable

11. Toxicological Information:

Routes of Entry:

Oral: None

Derma: Non-toxic

Inhalation: None

Skin: Non-toxic

Eye: Mildly irritant

Numerical measures of toxicity:

No data available.

Symptoms associated with exposure:

See sections 10.1 and 10.2.

Mention of the National Toxicology Program (NTP) Report on Carcinogens:

Not classified as a carcinogen.

Mention as a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs:

Not classified as a carcinogen.

Mention as a potential carcinogen by OSHA:

Not classified as a carcinogen.

12. Ecological Information:

Ecotoxicity: No data available.

Biodegradability: No data available.

Bioaccumulation: No data available.

Other adverse effects: No data available.

13. Disposal Considerations:

Handling Precautions: None

Method of Disposal: Dispose of accordance with local regulations.

Contaminated Packaging: Dispose of accordance with local regulations.

14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.



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15. Regulatory Information:

15.1 WHMIS Regulations (Canadian)

This is not a controlled product under WHMIS regulations.

15.2 SARA Hazardous Category

This product does not meet any hazardous category.

15.3 TOXIC Substance Control Act (TSCA)

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

15.4 REACH (EU) SVHC (Substance of Very High Concern)

This product does not contain any substances on the SVHC list of chemicals.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

16. Other Information:

N/A

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.