

**1. Identification of the Material and Supplier**

Product identifier: Pool, Spa & Bath Salt, Epsom Salt
Trade name: HY-CLOR EVO MINERAL SALT 10KG
Product code: HYCEVOSALT10
UN Number: N/a
**Recommended use and restriction
On use:** Saltwater pool supplement

Manufacturer/Supplier: HY-CLOR AUSTRALIA PTY LTD
Street Address: 178 Power Street
Glendenning, NSW 2761
Telephone Number: 02 8805 2400 (Aus) 09 9732477 (NZ)
After Hours Contact: 0404 859 515 (Aus)
Facsimile: 02 8805 2401
Email Contact: help@hyclor.com.au
Emergency Telephone: 13 11 26 (Australia Poisons Information
Centre)
0800764 766 (NZ)

2. Hazard(s) identification**Classification of the substance or mixture**

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

Label elements

- **GHS label elements:** Not regulated.
- **Hazard pictograms:** Not regulated.
- **Signal word:** Not regulated.
- **Hazard statements:** May irritate eye tissue
- **Precautionary statements:** - Flush with plenty of milk or water for 15 minutes- If irritation persists get medical attention
 - Skin Contact: Rinse with water
 - Inhalation: Remove to fresh air
 - Ingestion: Drink large amounts of water
 - Description of any hazards not otherwise classified Not Applicable
 - Non-Toxic

Other hazards: There are no other hazards not otherwise classified that have been identified.

**3. Composition/information on ingredients**

Chemical characterisation: Salt, Magnesium Sulfate, Sodium chloride

Components: Salt, Magnesium Sulfate, Sodium chloride

CAS number: Sodium chloride 7647-14-5, Magnesium sulfate (Epsom Salt) 10034-99-8, Potassium Chloride 7440-09-7

Essential Oil: Essential oil plus fragrance

4. First-aid measures**Description of first aid measures****After inhalation:**

- Unlikely route of exposure.
- Supply fresh air; consult doctor in case of complaints.

After skin contact:

- Immediately rinse with water.
- If skin irritation is experienced, consult a doctor.

After eye contact:

- Remove contact lenses if worn, if possible.
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

- Rinse out mouth and then drink plenty of water.
- Do not induce vomiting; immediately call for medical help.

Most important symptoms and effects, both acute and delayed:

- Slight irritant effect on eyes.
- Slight irritant effect on skin and mucous membranes.
- Nausea in case of ingestion.
- Gastric or intestinal disorders when ingested.

Indication of any immediate medical attention and special treatment needed:

No relevant information available.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing agents:**

- The product is not flammable.
- Use firefighting measures that suit the environment.

For safety reasons unsuitable extinguishing agents:

- None.

Special hazards arising from the substance or mixture:

- No relevant information available.

Advice for firefighters:

- Protective equipment:



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- Wear self-contained respiratory protective device.
- Wear fully protective suit.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

- Ensure adequate ventilation.

Environmental precautions:

- Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Methods and material for containment and cleaning up:

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections:

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

7. Handling and storage

Handling

- **Precautions for safe handling:** Use only in well ventilated areas.
- **Information about protection against explosions and fires:** No special measures required.
- Conditions for safe storage, including any incompatibilities.

Storage

- **Requirements to be met by storerooms and receptacles:**
 - Storage area should be dry and well-ventilated.
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.

Further information about storage conditions: Keep containers tightly sealed.

Specific end use(s): No relevant information available.

8. Exposure controls/personal protection

Control parameters

- **Components with limit values that require monitoring at the workplace:**
 - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Exposure controls

- **Personal protective equipment:**
- **General protective and hygienic measures:**

- The usual precautionary measures for handling chemicals should be followed.
- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.
- Avoid close or long-term contact with the skin.
- Avoid contact with the eyes.

Engineering controls: No relevant information available.

Breathing equipment: Not required under normal conditions of use.

Protection of hands:

- Gloves not required under normal conditions of use.
- Protection may be required for spills.

Eye protection:



- Safety glasses.
- Follow relevant national guidelines concerning the use of protective eyewear.

Body protection:

- Not required under normal conditions of use.
- Protection may be required for spills.

Limitation and supervision of exposure into the environment

- Avoid release to the environment.

Risk management measures See Section 7 for additional information.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:

Form:	Regular Salt
Color:	White
Odour:	Essential oil fragrance
Odour threshold:	Not determined.
pH-value at 20 °C:	Not Applicable pH: Neutral
· Melting point/Melting range:	1124C Freezing point (F): 32
· Boiling point/Boiling range:	208-215 (C)
· Flash point:	Not Applicable
· Flammability (solid, gaseous):	Not Applicable
· Auto-ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.



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- Oxidizing properties: Not determined.
- Vapor pressure: Not determined.
- Density: Not determined.
- Relative density: 3855.55g/Litres.
- Vapor density: lighter than air. Percentage Volatile: 60
- Evaporation rate: Not determined.
- Solubility in / Miscibility with Water: Complete
- Fully miscible.
- Partition coefficient (n-octanol/water): Not determined.
- Viscosity
- Dynamic: Not determined.
- Kinematic: Not determined.
- Other information No relevant information available.

10. Stability and reactivity

Reactivity

- Nonreactive

Chemical Stability

Indication of whether the chemical is stable or unstable under normal ambient temperature and conditions

while in storage and being handled

- Respiratory Protection: None required
- Ventilation: None
- Eye Protection: Safety Glasses
- Handling and Storage Precautions: Do not take internally. Store away from heat.

Keep from freezing

- Flammability Classification: Non-Flammable
- Flash Point (F): Not Applicable
- Extinguishing Medium: This is a water based product
- Unusual Fire and Explosion Hazards: Not Applicable
- Fire Fighting Procedures: Not Applicable

Description of any stabilizers that may be needed to maintain chemical stability

Not Applicable

Indication of any safety issues that may arise should the product change in physical appearance Not Applicable

Other

Indication of the possibility of hazardous reactions, including a statement whether the chemical will react or

polymerize, which could release excess pressure or heat, or create other hazardous conditions: Not Applicable

A description of the conditions under which hazardous reactions may occur Not Applicable



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List of all conditions that should be avoided (e.g., static discharge, shock, vibrations or environmental conditions

that may lead to hazardous conditions): Not Applicable

List of all classes of incompatible materials (e.g., classes of chemicals or specific substances) with which the

chemical could react to produce a hazardous situation: Not Applicable

List of any known or anticipated hazardous decomposition products that could be produced because of use,

storage or heating (hazardous combustion products should also be included in Section 5 (Fire-Fighting Measures of the SDS) : Not Applicable

11. Toxicological information

Information on toxicological effects

- Acute toxicity:
- LD/LC50 values that are relevant for classification: None.
- Primary irritant effect:
 - On the skin: Slight irritant effect on skin and mucous membranes.
 - On the eye: Slight irritant effect on eyes.
 - Sensitization: Based on available data, the classification criteria are not met.
- IARC (International Agency for Research on Cancer):
 - None of the ingredients are listed.
- NTP (National Toxicology Program):
 - None of the ingredients are listed.
- OSHA-Ca (Occupational Safety & Health Administration):
 - None of the ingredients are listed.
- Probable route(s) of exposure: Ingestion. Eye contact. Skin contact.
- Acute effects (acute toxicity, irritation and corrosivity):
 - Causes mild skin irritation. Slight irritant effect on eyes.
- Repeated dose toxicity:
 - No relevant information available.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
 - Germ cell mutagenicity: Based on available data, the classification criteria are not met.
 - Carcinogenicity: Based on available data, the classification criteria are not met.
 - Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the



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- Aspiration hazard: classification criteria are not met.
Based on available data, the classification criteria are not met.

12. Ecological information

Toxicity

- Aquatic toxicity: No relevant information available.
- Persistence and degradability: No relevant information available.
- Bioaccumulative potential: No relevant information available.
- Mobility in soil: No relevant information available.
- Additional ecological information
- General notes: Negative ecological effects are, according to the current state of knowledge, not expected.

Results of PBT and vPvB assessment (Cont'd. of page 5)

- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects: No relevant information available.

13. Disposal considerations

Waste treatment methods

- Recommendation: Smaller quantities can be disposed of with household waste.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- Uncleaned packaging
- Recommendation: Disposal must be made according to official regulations.

14. Transport information

- IMDG, IATA: Not regulated.
- UN proper shipping name
- DOT, ADR, IMDG, IATA : Not regulated.
- Transport hazard class(es)
- DOT, ADR, IMDG, IATA
- Class: Not regulated.
- Packing group

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- | | |
|---------------------------------------------------------------------------|-----------------|
| · DOT, ADR, IMDG, IATA | Not regulated. |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |

15. Regulatory information

No regulatory concerns exist

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Date of preparation: December 28th 2018

Glossary

ACGIH - American Conference of Governmental and Industrial Hygienists.

ASCC - Australian Safety and Compensation Commission.

BCF - Bioconcentration Factor - ability to accumulate a chemical in an organism to levels greater than in the surrounding medium. Calculated by dividing the concentration of a chemical in an organism by the concentration in the surrounding medium.

EC50 - median effective concentration. The concentration of a substance that courses a specified response/effect in an organism or population.

Explosive Limits - The range of concentrations (% by volume in air) of a flammable gas or vapour that can result in an explosion in a confined space.

Koc - the organic carbon partition coefficient (mL soil water /g organic carbon).

LC50 - Lethal Concentration 50%. The concentration of a substance that kills 50% of a target population.

LD50 - Lethal Dose-50%. The dose of a substance that kills 50% of a target population.

NOAEL – The highest dose or concentration of a substance used in a test/study that does not produce any observable adverse effects in the target organism.

NOEL – The highest dose call concentration of a substance used in a test/study that does not produce any observable effects in the target organism.

pH - Measure of how acidic or alkaline a material is using a 1 - 14 scale. pH 1 is strongly acidic and pH 14 strongly alkaline.



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Polymerisation - a chemical reaction in which molecules (monomers) combine to form larger molecules (polymers). A hazardous polymerisation reaction is one that occurs at a fast rate and releases large amounts of energy.

Pow - The octanol-water partition coefficient. The ratio of the concentration of octanol and in water at equilibrium and at a specified temperature used in environmental studies to indicate fate of chemicals and the environment.

STEL - Short-Term Exposure Limit. The maximum concentration of a substance that workers can be exposed to for periods up to 15 minutes without adverse effects e.g. irritation, tissue damage, narcosis (drowsiness or unconsciousness).

SWA – Safe Work Australia.

TWA - Time Weighted Average. The time weighted average concentration of a substance that most workers may be repeatedly exposed to over a 8-hour or 40-hour week without adverse effect.

References

Prepared using data supplied by manufacturer and public databases.

Hazard classification conducted according to the Safe Work Australia Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.

Contact: Any advice, recommendation, information, assistance, or service provided by HY-CLOR Australia in relation to the goods supplied by it or their use or application is given in good faith and believed to be appropriate and reliable. However, this information is given without warranty or representation. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products.

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