



Jordanian Dead Sea Bath Salts

1. Identification of the substance and the company:

Product Name:	Dead Sea Dry Salts
Chemical Formula:	KCl. MgCl ₂ . 6H ₂ O + NaCl
INCI Name:	Maris Sal
Identified uses:	Personal Care Formulation, Bath Salts.
Identification of the company:	Elixir Garden Supplies Ltd. Unit 1, Middlegate Lancashire LA33BN
Phone for emergency only:	+44 (0) 1524 741229

2. Composition / Information on ingredients

Ingredients	CAS No.	% (w/w)	Classification	Risk Phrases
Magnesium Chloride	7786 – 30 – 3	28 - 35	-	-
Sodium Chloride	7647 – 14 – 5	03 - 09	-	-
Potassium Chloride	7447 – 40 – 7	21 – 26	-	-
Calcium Chloride	10043 – 52 – 4	0.2 – 0.6	-	-
Insoluble	-	0.05 – 0.3	-	-
Water of Crystallization	7732 – 18 – 5	35 – 40	-	-

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3. Hazards Identification

People Hazards:	If ingested may cause some irritation to the mouth and upper digestive tract. May cause slight eye irritation. It is unlikely that irritation will be a route of exposure.
Environmental Hazards:	Not classified as flammable, explosive or dangerous.
Physical & Chemical Hazards:	Spilled material can be slippery.

4. First Aid Measures

Type of Risk	Actions to do
Skin Contact :	Flush with warm water in case of over exposure.
Eye Contact:	Flush with water. Seek medical attention if irritation persists.
Ingestion:	If big quantities are swallowed, seek medical attention immediately.
Inhalation:	In case of dust inhalation move person to fresh air. Give artificial respiration is necessary. Seek medical attention.

5. Fire Fighting Measures

Extinguishing Media:	Compatible with all extinguishing media.
Extinguishing Media not to be used:	No known media.
Special hazards arising from the substance or mixture:	If heated to decomposition may release poisonous HCl fumes.
Advice for fire fighters:	Use chemical goggles and self-contained breathing apparatus in positive pressure mode.

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6. Accidental release measures

Personal Precautions:	Wear chemical goggles and protective clothing.
Environmental Precautions:	Avoid contamination of water sources.
Methods for Cleaning:	Sweep spilled material and place in a bag for disposal as per local regulations.

7. Handling & Storage

Handling:	Keep containers closed.
Storage:	Protect from extreme temperature and humidity during storage.

8. Exposure Control / Personal Protection

Work place exposure limits:	Not determined
Procedures:	Sufficient Ventilation is required for closed places where the material dust is possible.
Respiratory protection :	In case of dust emissions, dust mask should be worn.
Hand protection:	Gloves should be worn.
Eyes protection:	Chemical goggles should be worn.
Body protection:	Protection clothes should be worn

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9. Physical and Chemical Properties

Appearance:	White or Transparent Crystals.
Odor:	Odorless.
Particle Size Distribution:	below 1.7mm.
Melting Point:	> 120 C°
Decomposition temperature:	> 160 C°
Explosive properties:	Not Explosive
Bulk Density:	NA
pH	NA
Solubility in water at 25 °C	Soluble

10. Stability & Reactivity

Stability :	Stable under normal conditions.
Conditions to avoid:	Material is slightly hygroscopic. Avoid exposure to moisture. Avoid heating above decomposition temperature.
Hazardous decomposition products:	HCl, Oxides of potassium, Sodium & Magnesium

11. Toxicological Information

No Information.

12. Ecological Information

No Information.

13. Disposal Consideration

Disposal of product :	According to local / State environmental regulations
Disposal of used packaging:	Recycling after proper cleaning
Recommended cleanser:	Water

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14. Transport Information

Not regulated.

15. Regulatory Information

No specific labelling is required according to US or EU countries.

16. Additional Information

The information contained in this document is a guide for the user and is based on bibliographic information and experience, trying to reflect the current state, but in no means, can engage our responsibility. This information may not be used to replace proprietary processes. Users must comply with the laws and regulations in force and, in particular, those relating to prevention, storage & transport. The complete range of conditions or methods of use are beyond our control; therefore we don't assume any responsibility and expressly disclaim any liability for any use of this product.

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