



CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

Product Name:	Lavender Bath Salts
Description:	Crystals
Batch Number:	4377403
Processing Method:	Solar evaporation
Country of Origin:	UK
Best Before End:	November 2021
Uses:	Bath salts

PHYSICAL & ANALYTICAL DATA

Appearance:	Translucent blue crystals
Odour:	Lavender herbal floral sweet
Specific Gravity:	2.17 [compressed]
Solubility in Water:	Soluble
	357g/l @ 0°C
	391.2g/l @ 100°C
Grain Size:	Max 15% < 3.86mm
pH:	>6.5 [20% solution]



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1. COMPANY DETAILS

1.1 Company:	MADAR Corporation Limited
1.2 Address:	19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA
1.3 Telephone Number:	01425 655555
1.4 Email:	sales@madarcorporation.co.uk
1.5 Approved Sellers:	Cosmetic Butters, Mystic Moments, New Directions, World of Moulds

2. PRODUCT IDENTIFICATION AND COMPOSITION

2.1 Product Name:	Lavender – Bath Salts
2.2 Product Code:	SALTlave
2.3 USA INCI Name:	Not allocated
2.4 EU INCI Name:	Not allocated

2.5 Ingredients:

Component Entity	CAS Number	EINECS Number	Proportions [%w/w]
Maris Sal	7647-14-5	231-598-3	< 100%
Lavender Essential Oil	8000-28-0	Not allocated	< 1%
CI 60725, CI61570	81-481, 4403-90-1, 122-99-6, 1117-86-8	Not allocated	< 1%
Aqua			< 1%
Vegetable Glycerine	56-81-5	200-289-5	< 1%

2.6 Uses: Bath Preparation

3. HAZARD IDENTIFICATION

3.1 Physical - Chemical Hazards

Explosion:	None identified.
Flammable:	Non-Combustible.
Oxidizing:	Not applicable.
Toxic:	None identified.
Radioactive:	Not applicable.
Corrosive:	None identified.
Miscellaneous:	None identified.

3.2 Environmental Hazards: None identified.

3.3 Health Hazards

Acute Effects:	Swallowed:	May be harmful.
	Eye:	May be irritating.
	Skin:	May be irritating.
	Inhalation:	May be harmful.
Chronic Effects:		None identified.
Mutagenic Effects:		None identified.
Reproductive Effects:		None identified.
Carcinogenic Effects:		None identified.
Sensitisation:		None identified.
Infectious:		Not applicable.



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4. FIRST AID

4.1 Eye Contact:	Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained.
4.2 Skin Contact:	Contact a physician as necessary. Remove any contaminated clothing and footwear. Clean before re-use. Wash affected areas thoroughly with soap and water for at least 15 minutes.
4.3 Inhalation:	Contact a physician as necessary. Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available.
4.4 Ingestion:	Contact a physician as necessary. Do Not induce vomiting. Wash out mouth with water. Contact a physician or local poison control centre immediately. If vomiting occurs, lean patient forward or place on left side [head-down position, if possible] to maintain open airway and prevent aspiration.
4.5 Contact Point:	Poisons Information Centre
4.6 Advice to Doctor:	Treat symptomatically. Note the nature of this product.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media:	Carbon Dioxide; Dry Chemical; Universal-Type Foam. Use what is compatible with surrounding materials.
5.2 Unsuitable Extinguishing Media:	Water Spray; Others not established.
5.3 Unusual Firefighting Hazards:	None identified.
5.4 Special Procedures:	Determine the need to evacuate or isolate the area according to your local emergency plan.
5.5 Protective Equipment:	Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.
5.6 Combustion Products:	Not applicable. [packaging Oxides of carbon.
5.7 Contact Point:	Dial Local Emergency Authority

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:	Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
6.2 Safety Precautions:	Eliminate ALL ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan;
6.3 Environmental Precautions:	Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
6.4 Methods For Cleaning Up:	Contain spill and recover free product. Absorb remainder on vermiculite or other suitable absorbent material. Wipe small spills with cloth. Clean with hot water and detergent. Refer also to Section 13. for disposal procedures.

7. SAFE HANDLING AND STORAGE INFORMATION

7.1 Handling:	Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.
7.2 Storage:	Not a hazardous material. Not a Scheduled Poison. Containers should be kept closed in order to minimise contamination. Store in a cool, dry, well ventilated place protected from light. Keep from extreme heat and avoid generation of dust. Make sure the material does not come into contact with substances listed as: "Materials to Avoid", Refer to Section 10.
7.3 Unsuitable Packaging Materials:	None established.
7.4 Special Procedures:	None established.



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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Respiratory Protection:** None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.
- 8.2 Ventilation Protection:** Ensure adequate ventilation to keep exposure levels to a minimum. General exhaust is recommended.
- 8.3 Eye Protection:** Using goggles or face shield is recommended.
- 8.4 Protective Gloves:** Using chemical resistant gloves is recommended.
- 8.5 Protective Clothing:** Using chemical resistant clothing is recommended.
- 8.6 Protective Equipment:** An eyewash fountain and / or safety shower should be available in the work area.
- 8.7 Special Engineering Controls:** None established.
- 8.8 Other Personal Protection:** Consult the following Australian Standards for general advice regarding safety clothing and equipment: Respiratory Equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS 2919**, Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.
- 8.9 Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION
9.1 Appearance:	Deep blue coloured crystal
9.2 Odour:	Characteristic lavender aroma
Odour Threshold:	Not available.
9.3 Bulk Density:	0.40 to 1.5 g/cm ³ @ 20°C
9.4 Refractive Index:	Not applicable.
9.5 Optical Rotation:	Not applicable.
9.6 pH:	8.5 to 9.8 @ 20°C
9.7 Solubility:	Not available.
9.8 Solubility in Water:	Soluble
9.9 Flash Point:	Not applicable.
9.10 Flammability Limits [as % v/v in Air]	
Lower Explosion Limit:	Not applicable.
Upper Explosion Limit:	Not applicable.
9.11 Autoignition Temperature:	Not applicable.
9.12 Melting Point:	Not available.
9.13 Boiling Point:	Not available.
9.14 Vapour Pressure:	Not available.
9.15 Vapour Density:	Not available.

9.16 ECHA Listed Sensitisers & IFRA Notifiable Substances					
CONSTITUENT	IFRA	ECHA	CAS Number	EINECS Number	RANGE
Linalool:	YES	YES	78-70-6	201-134-4	< 0.3%



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10. STABILITY AND REACTIVITY

10.1 Stability:	Chemically stable, non hazardous material. This material presents no significant reactivity hazard.
10.2 Conditions to Avoid:	None established.
10.3 Materials to Avoid:	Strong acids, strong alkalis and oxidizing agents.
10.4 Flammability:	This product is non-combustible.
10.5 Hazardous Polymerization:	Will not occur.
10.6 Hazardous Combustion or Decomposition Products:	None identified.

11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity	
LD50 [Oral]:	Not tested on animals – So not available.
LD50 [Dermal]:	Not tested on animals – So not available.
LC50 [Inhalation]:	Not tested on animals – So not available.
11.2 Exposure Limits	There is a blanket recommendation of 10 mg/m ³ for inspirable dusts or mists when limits have not otherwise been established.
OSHA TWA:	None established.
OSHA STEL:	None established.
ACGIH TWA:	None established.
ACGIH STEL:	None established.
NOHSC TWA:	None established.
NOHSC STEL:	None established.
11.3 Short Term Toxicity:	Not available.
11.4 Long Term Toxicity:	Not available.
11.5 Human Exposure Tests:	Not available.

12. ECOLOGICAL INFORMATION

12.1 Eco-toxicity:	None established. Avoid pollution to soil, rivers and the ocean.
12.2 Mobility:	Low mobility in the soil.
12.3 Persistence & Degradability:	Low persistence level and readily biodegradable.
12.4 Bio-accumulative Potential:	None established.
12.5 Other Adverse Effects:	None established.

13. DISPOSAL CONSIDERATION

13.1 Waste Material:	Place material and / or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
13.2 Contaminated Packaging:	Dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
13.3 Note:	Empty containers can have residues, gases and mists. Use the proper Waste Disposal Methods & Procedures for Empties as well.



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14. TRANSPORT INFORMATION

14.1 Transportation:	Not Dangerous Goods No special transport required. Not to be transported with Classes 1 [Explosives], 2.1 [Flammable Gases] [nb this applies only when in bulk], 2.3 [Poisonous Gases], 4.2 [Spontaneously Combustible Substances], 5.1 [Oxidising Agents], 5.2 [Organic Peroxides], 7 [Radioactive Substances], and Foodstuffs or Foodstuff empties.
14.2 Proper Shipping Name:	Not Regulated.
14.3 UN Number:	Not allocated.
14.4 Packaging Group:	Not allocated.
14.5 DG Class:	Not allocated.
14.6 Poison Schedule:	Not Scheduled.
14.7 Hazchem Code:	Not allocated.

15. REGULATORY INFORMATION

15.1 Risk Symbols:	Not allocated.
15.2 Risk Phrases:	Not allocated.
15.3 Safety Phrases:	Not allocated.
15.4 Warning Statements:	Not allocated.
15.5 Safety Directions:	Not allocated.
15.6 Standard Statements:	Not allocated.

16. ADDITIONAL INFORMATION

16.1 DISCLAIMER

The information contained in this Material Safety Data Sheet is obtained from current and reliable sources. MADAR Corporation Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Material Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product. This document is thus, intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of MADAR Corporation Ltd., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. MADAR Corporation Ltd expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by MADAR Corporation Ltd as to the fitness for any use. The liability of MADAR Corporation Ltd is limited to the value of the goods and does not include any consequential loss. MADAR Corporation Ltd shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. MADAR Corporation Ltd shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.