

MATERIAL SAFETY DATA SHEET.

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: Magnesium Sulphate. Synonyms: Epsom Salts

SUPPLIER: The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: CHEMICAL. MAGNESIUM SULPHATE.

CAS No:10034-99-8 Status: CoE No: FEMA: Additives: None

FDA: IFRA: Application:

RIFM: EINECS: 231-298-2 RTECS:

INCI name: Magnesium Sulphate FCCIV:

3. HAZARDS IDENTIFICATION:

Low health hazards in normal conditions of handling and use.

4. FIRST-AID MEASURES:

INHALATION: Mild irritation of nose and throat.

TREATMENT: Remove from exposure. Rest and keep warm. In severe cases or if recovery is not rapid or complete, seek medical attention.

EYE CONTACT: Mild irritation.

TREATMENT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT: Mild mechanical irritation

TREATMENT: Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Mild gastrointestinal disturbances. Acts as laxative.

TREATMENT: Wash out mouth with water. Do not induce vomiting. If patient is conscious give water to drink. If patient feels unwell seek medical attention

IMMEDIATE TREATMENT/ANTIDOTE: Symptomatic treatment.

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA Use extinguisher suitable to cause of fire.

SPECIAL MEASURES: Avoid inhalation of toxic fumes. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Material does not burn. Heating to dryness will produce obnoxious and toxic fumes.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Wear appropriate RPE. See section 8.

ENVIRONMENT PRECAUTIONS: Avoid creating dusts.

CLEAN UP PROCEDURE Vacuum or sweep up and place in suitable labelled containers. Hold for waste disposal.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Ensure good general ventilation. Avoid inhaling dusts.
STORAGE CONDITIONS:	Store in dry conditions at ambient temperature.
SUITABLE CONTAINERS:	Store in polythene containers, paper bags.
FIRE PROTECTION:	See section 10.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Type approved RPE for dusts if required.
SKIN PROTECTION:	Rubber or plastic gloves. Lightweight overalls
EYE PROTECTION:	Use safety glasses/goggles.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

APPEARANCE:	White crystals.
ODOUR:	Free from rancid and foreign odours
MELTING POINT °C:	Decomposes 150/200°C
FLASH-POINT °C:	Not flammable
SOLUBILITY IN WATER:	71% @ 20°C
PH	7 (10% solution)

10. STABILITY & REACTIVITY.

REACTIVITY:	Oxides of sulphur if heated to dryness.
STABILITY:	Stable in normal conditions.

11. TOXICOLOGICAL INFORMATION.

Low oral toxicity, but ingested material acts as a laxative. Large doses may lead to muscle weakness. Causes mild mechanical irritation to skin, eyes and mucous membranes.

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Not biodegradable
MOBILITY:	Soluble in water.
AQUATIC TOXICITY:	No direct information available. Ecotoxicity believed to be low.

13. DISPOSAL CONSIDERATIONS.

Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

14. TRANSPORT REGULATIONS.

Road (ADR/RID):	n/a
AIR (IATA):	n/a
SEA (IMDG)	n/a

15. REGULATORY INFORMATION.

LABEL DETAILS:	Ref. CHIP 2
LABEL NAME:	Epsom Salts
HAZARDS:	n/a
SYMBOLS:	n/a
RISK PHRASES:	n/a
SAFETY PHRASES:	n/a

16. OTHER INFORMATION.

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF-LIFE

Min 12 months when stored within advised conditions.

Q.C. REQUIREMENTS.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.