

SAFETY DATA SHEET**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name	Magnesium Sulphate
Product number	R1093
CAS Number	7487-88-9
EINECS Number	2312982

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Supplier	PotteryCrafts Ltd., Campbell Road, Stoke Stoke-on-Trent ST4 4ET Tel 44 (0)1782 745000 sales@potteryCrafts.co.uk
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1.4. Emergency telephone number

Emergency telephone	+44(0)1785 745000 Office Hours Mon- Friday 09.30 – 15:30 hours
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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification**

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

Hazard statements	NC Not Classified
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2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

Composition comments	No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.
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SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information	No data available.
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4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Protective actions during firefighting N/A

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container dry.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): 4 mg/m³ resp.dust

Fine Fraction Crystalline Silica

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments Total Inhalable Dust 10mg/m³ - 8hr TWA Total respirable Dust 4mg/m³ - 8hr TWA

8.2. Exposure controls

Protective equipment



Appropriate engineering

Provide adequate general and local exhaust ventilation. Observe any occupational exposure

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controls

limits for the product or ingredients

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

SECTION 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties****Appearance**

Colourless Crystal powder.

Odour

Odourless.

pH

Not determined.

Flash point

Not applicable.

Evaporation rate

Not applicable.

Vapour density

Not relevant.

Solubility(ies)

Soluble in water.

Explosive properties

Not applicable.

Oxidising properties

Not applicable.

Specific Gravity

2.445

Melting Point (°C)

Loses water about 200°C, decomposes at 1100°C

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability****Stability**

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions**Possibility of hazardous reactions**

Not relevant

10.4. Conditions to avoid**Conditions to avoid**

Not known.

10.5. Incompatible materials**Materials to avoid**

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products**Hazardous decomposition products**

Not known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data recorded.
General information	No specific health hazards known.
Inhalation	May cause respiratory irritation.
Ingestion	No harmful effects expected from quantities likely to be ingested by accident.
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	May irritate eyes.

SECTION 12: Ecological Information

Ecotoxicity	There are no data on the ecotoxicity of this product.
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12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability	No information available as to the persistence and degradability of this product.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Not available.
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12.4. Mobility in soil

Mobility	Not available.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not available
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12.6. Other adverse effects

Other adverse effects	Not available.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	When handling waste, the safety precautions applying to handling of the product should be considered.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009
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EU legislation

Dangerous Substances Directive 67/548/EEC.
Dangerous Preparations Directive 1999/45/EC.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.

15.2. Chemical safety assessment**SECTION 16: Other information**

Issued by	Product Regulations Dept
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SDS number	59389
SDS status	Approved.

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