

SAFETY DATA SHEET

MAGNESIUM STEARATE (ALL GRADES)

MMGS100

1. Identification of the substance/preparation and of the company/undertaking

Product name	: MAGNESIUM STEARATE (ALL GRADES)	Supplier	: The Soap Kitchen Units 2 D&E Hatchmoor Ind/Est Torrington Devon EX38 7HP
Chemical product name	: DI-OCTADECANOIC ACID, MAGNESIUM SALT		
Synonyms	: MAGNESIUM STEARATE (ALL GRADES) MAGNESIUM OCTADECANOATE		
Chemical formula	: Mg(C18H35O2)2		
EMERGENCY ONLY TELEPHONE NUMBER	: (N.C.E.C. CULHAM) 01865 407333	Telephone No.	: 01805 622944
		Fax No.	: 0870 4586724
Formula	: Mg(C18H35O2)2	Molecular Mass	: 592

2. Composition/information on ingredients

Substance/Preparation : Substance

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) DI-OCTADECANOIC ACID, MAGNESIUM SALT	557-04-0	100	209-150-3	-	-

* Occupational Exposure Limit(s), if available, are listed in Section 8

Composition	ASSAY % w/w 99% min SPECIFICATION WILL BE GIVEN ON REQUEST
CAS No.	557-04-0
EINECS Number	209-150-3

3. Hazards identification

Human health hazards : Not classified as hazardous.

4. First-aid measures

First-Aid measures

Inhalation	: Remove from exposure. Obtain medical attention urgently.
Ingestion	: Wash out mouth with water. Do not induce vomiting. Obtain medical attention.
Skin contact	: Wash skin with water. Obtain medical attention if blistering occurs or redness persists.
Eye Contact	: In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

5. Fire-fighting measures

Extinguishing Media

Suitable	: Select extinguishing agent appropriate to other materials involved. Use water spray, foam, dry chemical or carbon dioxide. Use water spray, fog or alcohol resistant foam.
Unusual fire/explosion Hazards	: This product may give rise to hazardous fumes in a fire.
Hazardous thermal (de)composition products	: These products are carbon oxides (CO, CO2). Some metallic oxides.
Special fire-fighting procedures	: Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.
Protection of fire-fighters	: Wear full protective clothing and self-contained breathing apparatus.

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6. Accidental release measures

- Personal Precautions** : Wear appropriate protective clothing. Wear respiratory protection.
- Environmental precautions and cleanup methods** : Small spillages may be flushed with large quantities of water. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.
: Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

7. Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. S36 Wear suitable protective clothing. Use in well ventilated area.
- Storage** : Storage area should be: cool. under cover. well ventilated. The product is stored in multi-ply polyethylene paper sacks or polyethylene lined drums. Storage area should be: under cover. dry. Store away from sources of heat or ignition. Avoid storing sacks in a large stack to prevent the product from caking. Hot water or low-pressure steam are the most desirable heating media but care must be taken with such installations as excessive temperatures can cause degradation of the product.
- Packaging materials**
- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are close to the workstation location.
- Hygiene measures** : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

<u>Ingredient Name</u>	<u>Workplace Exposure Limits</u>
1) DI-OCTADECANOIC ACID, MAGNESIUM SALT	Not available.

Personal protective equipment

- Respiratory system** : Wear: Dust respirator if conditions are dusty.
- Skin and body** : Overalls or Lab coat.
- Eyes** : Safety glasses.

9. Physical and chemical properties

- Physical state** : Powder.
- Colour** : White.
- Odour** : Fatty.
- Boiling point** : Decomposes
- Melting point** : 135
- Density** : Not available.
- Solubility** : Insoluble.
- pH** : Not applicable.
- Flash point** : 200

10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to Avoid** : Conditions to Avoid Static discharge.
- Materials to avoid** : Strong oxidising agents. Strong bases. Strong acids.
- Hazardous decomposition products** : These products are carbon oxides (CO, CO₂). Some metallic oxides.

11. Toxicological information

Local effects

- Acute toxicity** : LD50: Not available.
LC50: Not available.

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12. Ecological information

Ecotoxicity : Non hazardous under Section 311/312.

13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Classification : Not applicable.

14. Transport information

International transport regulations

IATA : **Additional Information** -

15. Regulatory information

EU Regulations

Risk Phrases : This product is not classified according to the EU regulations.

Product Use : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
- Consumer applications.

16. Other information

HISTORY *(Please note that dates are in American format [month/day/year])*

Date of printing : 26/05/2005.

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Prepared by : Michael Hale / Alistair Hunter

Notice to Reader

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Version 1.01

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