



RNZ INTERNATIONAL FZE

P.O. Box 44660
DUBAI,UAE

PHONE : (04) 8894400
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MSDS

Material Safety Data Sheet

MAGNESIUM SULPHATE

SECTION 1. Product And Company Identification

Chemical Product

Product Name: MAGNESIUM SULPHATE

Company Name: RNZ INTERNATIONAL FZE

Company Address: PO BOX 44660 Dubai UAE

Telephone Number: +9714 8894400

+971 8894940

Emergency Number: +9714 8894400



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Composition / Information on substance :

Chemical name Magnesium Sulphate
CAS-No 10034-99-8 % 99.5
EINECS-NR 231-298-2
EC-No N/A Symbol(s)
N/A R-phrase(s) N/A

Health and Hazard Data:

Physical and chemical hazards Low Environmental hazards Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. Human health hazards Low

First Aid measures:

Measures Effects and Symptoms Ingestion Acts as a laxative. Ingestion of sufficient quantities may lead to heart changes, flaccid paralysis and cyanosis. Inhalation Not applicable. Skin contact No observable effects. Eye contact Mild eye irritation may result. Ingestion Rinse mouth with plenty of water. Drink plenty of water. Consult a physician if necessary. Inhalation Not applicable. Skin contact Wash off immediately with soap and plenty of water. Eye contact Rinse thoroughly with plenty of water, also under the eyelids.

Fire fighting measures:

Flammability Non - Flammable Suitable extinguishing media Water, dry powder, foam, carbon dioxide (CO₂). Hazardous decomposition Heating to dryness will produce obnoxious and toxic products fumes.

Accidental release measures:

Personal precautions Rubber or plastic gloves. Environmental precautions No special environmental precautions required. Methods for cleaning up Sweep up and shovel into suitable containers for disposal. Rinse affected area with plenty of water.

Handling & storage:

Handling No special storage conditions required. Packaging material suitable Polyethylene containers, paper bags.

:

Exposure Controls/Personal Protection

National occupational exposure limits Not applicable Skin and body protection lightweight protective clothing. Hand protection rubber or plastic gloves. Eye protection safety glasses.

Physical and Chemical Properties

Form crystalline Colour white Molecular weight 246.68 Decomposition temperature 150'C(-6 H 2O),200'C(-7H 2O). pH 7 (10%) Solubility in water 71% (20'C)

Stability & reactivity:

Stability Stable. Hazardous decomposition products Sulphur Oxides (if heated to dryness).

Toxicological Information

Chemical Name Magnesium Sulphate Heptahydrate Oral Human, Oral TDLo: 428 mg/kg.Leads to muscle weakness. Acts as a laxative. Skin irritation Low. Eye irritation Mild eye irritation. Mutagenicity Mutation data reported for the anhydrous salt

Ecological information:

Persistence and degradability Not Biodegradable. Ecotoxicity effects No information available. Ecotoxicity believed to be low.

Dispose consideration :

Methods of disposal In accordance with local and national regulations.

Transport information:

No Not applicable IMDG Class Not classified as dangerous in the meaning of transport regulations.



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Regulatory information:

(EC) EC Classification (67/548/EEC-88/379/EEC) Not applicable. Label name Epsom Salts. R-phrase(s) Not applicable. S-phrase(s) Not applicable.

Other Information

With water this product will soak into, and mark, porous architectural stonework, leeching out over an extended time period, the duration of which is dependant upon physical and climatic conditions. The above information is based on current knowledge at the time of publication and is given in good faith