



# CLAYMAN

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## SAFETY DATA SHEET

5154	MAGNESIUM CARBONATE
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1. Identification of substance/preparation and of the company undertaking	
Trade Name:	Magnesium Carbonate
Chemical Name:	
Synonyms:	

2. Composition /information on ingredients			
Component	CAS	EINECS	% of composition
Magnesium Carbonate	560-93-0		Ca 100%

3. Hazards Identification	
Inhalation	Irritation of breathing passages may result from excessive inhalation.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The product is not a primary irritant but prolonged contact may give rise to irritation.

4. First Aid Measures	
Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention if irritation persists.
Ingestion	Do not induce vomiting, seek medical advice. Rinse mouth out with water and give about half a pint of water to drink, provided the patient is conscious.
Eyes	Wash immediately with copious amounts of water for about 15 minutes and seek medical advice.
Skin	Remove contamination. Wash affected areas with water and soap. Seek medical advice if irritation persists.



<b>5. Fire Fighting Hazards</b>	
Extinguishing media	The product is not combustible or explosive. It is compatible with all standard fire fighting techniques, such as the use of water, carbon dioxide dry powder, sand and chemical foam extinguishers.
Special Exposure hazard	
Personal protective equipment	

<b>6. Accidental Release Measure</b>	
Leaks and spills	Collect spillage by wet sweeping or by use of a vacuum cleaner fitted with an efficient particular filter. Place waste in a suitable container prior to disposal. The area may then be washed down with water to remove final trace amounts of the spillage, provided effluent consent conditions are complied with.
Personal protective equipment	

<b>7. Handling &amp; Storage</b>	
Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material, avoid contact with skin and eyes, and avoid spreading dust in use. The use of LEV is also recommended.
Storage	Store in dry area.

<b>8. Exposure Control/Personal Protection</b>	
Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended.
Personal Protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.



9. Physical & Chemical Properties	
Appearance and Odour	White powder, odourless
Flash point (°C)	Not applicable
Flammability	Not applicable
Explosive properties	Non explosive
Oxidising properties	Non oxidising
Specific gravity	2-3
pH value	8
Melting point (°C)	Decomposes at approximately 300°C with evolution of carbon dioxide.

10. Stability & Reactivity	
Chemical stability	Stable under normal conditions
Conditions/materials to avoid	
Hazardous decomposition products	Evolution of carbon dioxide on thermal decomposition or on contact with acids.
Hazardous polymerization products	Will not occur

11. Toxicological Information	
Acute toxicology	No data available
Health Effects	The product is considered to be of low oral toxicity.

12. Ecological Information	
Ecotoxicity	No data available.
Persistence	The product is essentially insoluble in water and is not expected to present a hazard.

13. Disposal Considerations	
Dispose in accordance with current waste Disposal regulations (for UK – Control of Pollution {Special Waste} Regulations 1980). Landfill is the most appropriate method.	

14. Transport Information		
UN/SI No.	Not classified	
UN Class	Not classified	
Packing group	Not classified	
Road	UK	Not classified
	ADR	Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified



15. Regulatory Information			
EC Supply Labelling	Not classified		
R Phrases	None		
S Phrases	None		
UK Occupational exposures limits (Refer to HSE Guidance note EH40)	Mg/m <sup>3</sup>	8 hr TWA	% in product
<p>In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.</p>			

16. Other Information	
References	
COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
CHIP 96	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996
CHIP SDS ACOPS	HSC Approved Code of Practice for Safety data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSHH regulations.