



CLAYMAN

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SAFETY DATA SHEET

5210	GUM ARABIC
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1. Identification of substance/preparation and of the company undertaking	
Trade Name:	Gum Arabic
Chemical Name:	Gum Arabic
Synonyms:	Acacia gum or Senegal gum

2. Composition /information on ingredients			
Component	CAS	EINECS	% of composition
No hazardous components			

3. Hazards Identification	
Inhalation	The solid material does not produce an inhalation risk. The inhalation risk increases at elevated temperatures. The vapour may irritate the upper respiratory tracts. Dust may cause respiratory allergic irritation in some individuals.
Ingestion	The product is of low toxicity and presents little risk to health on ingestion.
Eyes	Vapours produced through heating may cause irritation to the eyes. May cause severe eye injury – damage reversible.
Skin	Vapours produced on heating may cause irritation to the skin.

4. First Aid Measures	
Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention
Ingestion	Do not induce vomiting, seek medical advice.
Eyes	Wash immediately with copious amounts of water for at least 15 minutes; seek medical attention if irritation persists.
Skin	Not applicable.

5. Fire Fighting Hazards	
Extinguishing media	Foam, dry powder or carbon dioxide. DO NOT use water jet.
Special exposure hazard	In the event of a fire, black smoke and acrid fumes may be emitted
Personal protective equipment	Self contained breathing apparatus.



6. Accidental Release Measure	
Leaks and Spills	Absorb with sand or earth, transfer to a suitable container. DO NOT SMOKE.
Personal protective equipment	Respiratory protective equipment and rubber gloves.

7. Handling & Storage	
Handling	Do not eat, drink or smoke in areas where the material is used. Wash thoroughly after handling the material.
Storage	Store in a secure container in a well ventilated area. Keep away from oxidising agents and sources of ignition.

8. Exposure Control/Personal Protection	
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	Cream-brown, powder
Flash point (°C)	>90°C
Flammability	Combustible
Explosive properties	A potential dust explosion hazard exists at certain dust concentrations.
Oxidising properties	None
Specific gravity	About 1
pH value	7 (insoluble in water)
Melting point (°C)	Not available

10. Stability & Reactivity	
Chemical stability	A potential dust explosion hazard exists at certain dust concentrations.
Conditions/ materials to avoid	May react with oxidising agents.
Hazardous decomposition products	None known
Hazardous polymerization products	None

11. Toxicological Information			
Acute toxicology	LD50	Oral (rabbit)	8.00mg/kg
	LD50	Dermal	Not known



	LD50	Inhalation	Not known
Health effects	Refer to section 3		

12. Ecological Information	
Ecotoxicity	Not known
Persistence	Not known

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	None required		
R phrases	None		
S phrases	None		
UK Occupational exposures limits (Refer to HSE Guidance note EH40)	Mg/m ³	8 hr TWA	% in product
	Not Applicable		
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 constitutes the user's assessment of workplace risk.			

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 COSHH regulations.