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SAFETY DATA SHEET

5131	SODA FELDSPAR
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1. Identification of substance/preparation and of the company undertaking	
Trade Name:	Soda Feldspar
Chemical name	Sodium Potassium Aluminium Silicate
Synonyms	None

2. Composition /information on ingredients			
Component	CAS	EINECS	% of composition
Sodium Potassium Aluminium Silicate	68476-25-5	2706667	<10

3. Hazards Identification	
Inhalation	Excessive exposure may cause symptoms of chronic lung disease
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 material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation

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
Skin	Wash affected areas with water

5. Fire Fighting Hazards	
Extinguishing Media	Suitable for surrounding fire conditions
Special Exposure hazard	None
Personal protective equipment	None other than required for surrounding fire conditions



6. Accidental Release Measure	
Leaks & Spills	Use suitable vacuum equipment where reasonably practicable, otherwise damp down and scoop into a receptacle
Personal protective equipment	Respiratory protective equipment

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 dry area

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 & Odour	Off-white powder, odourless
Flash point (°C)	Not applicable
Flammability	Not applicable-
Explosive properties	Non explosive
Oxidising properties	Non oxidising
Specific gravity	2-4 typically
pH value	7 (Insoluble in water)
Melting point (°C)	Not available

10. Stability & Reactivity	
Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerization products	None



11. Toxicological Information			
Acute toxicology	LD ₅₀	Oral (rat)	Not known
	LD ₅₀	Dermal	Not known
	LC ₅₀	Inhalation	Not known
Health effects	Prolonged or repeated exposure above Occupational Standards may cause fibrosis of the lungs		

12. Ecological Information	
Ecotoxicity	Not known
Persistence	The material is chemically stable and will persist in the environment.

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		
U.N. / S.I. No.:	Not classified	
U.N. 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 requires by directive 88/379/EEC and subsequent amendments	
R-Phrases	None	
S-Phrases	S22	Do not breathe dust.
UK Occupational exposures limits (refer to HSE Guidance note EH40)	Mg/m ³ 8 hr TWA	% in product
Crystalline silica, respirable dust	0.3	<10
Dusts total inhalable	10	-
Dusts total respirable	5	-
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		



16. Other Information	
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 COSH regulations