

MATERIAL SAFETY DATA SHEET

GROUT AGENT PGA

SECTION 1. PRODUCT AND COMPANY INFORMATION	
PRODUCT NAME:	GROUT AGENT PGA
COMPANY:	Castech Lanka (Pvt) Ltd.
ADDRESS:	No. 531/17 Negombo Road, Seeduwa, Sri Lanka
TELEPHONE NO:	+94 31 31 27868 +94 011 2257488
EMERGENCY NO.:	+94 31 31 27868
FAX:	+94 31 31 27868
EMAIL:	info@castechchem.com
SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS	
Chemical Name:	FLY ASH(60%), SODIUM GLUCONATE(10%),POLYCARBOXYLIC POWDER(20%), SODIUM METABISULFITE(10%);
CAS NO.:	68131-74-8;527-07-1;25971-63-5;7681-57-4;
SECTION 3. HAZARDS IDENTIFICATION	
Causes irritation to skin, eyes and respiratory tract. Harmful if swallowed or inhaled.	
Health Rating:	1 - Slight
Reactivity Rating:	3 - Severe (Oxidizer)
Contact Rating:	2 - Moderate
Lab Protective Equip:	Goggles, Lab Coat
Storage Color Code:	Yellow (Reactive)
Potential Health Effects	
Inhalation:	Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.
Ingestion:	Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.
Skin Contact:	Causes irritation to skin. Symptoms include redness, itching, and pain.
Eye Contact:	Causes irritation, redness, and pain.
SECTION 4. FIRST AID MEASURES	
Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.
Skin:	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms occur.
Ingestion:	Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
SECTION 5. FIRE-FIGHTING MEASURES	
Fire:	Not combustible, but substance is a strong oxidizer and its heat of reaction with reducing agents or combustibles may cause ignition.
Explosion:	Can cause explosions in contact with combustible dusts or vapors; occasionally explosive by shock or friction. Sensitive to mechanical impact.
Fire Extinguishing Media:	Use any means suitable for extinguishing surrounding fire.
SECTION 6. ACCIDENTAL RELEASE MEASURES	
Spills:	Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts of residue may be flushed to sewer with plenty of water.

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SECTION 7. HANDLING AND STORAGE	
Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage and moisture. Separate from incompatibles, combustibles, organic or other readily oxidizable materials.	
SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Personal Respirators (NIOSH Approved):	For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.
Ventilation System:	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.
Skin:	Wear protective gloves and clean body-covering clothing.
Eyes:	Use chemical safety goggles. Maintain eye wash fountain and quick drench facilities around.
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance:	Grey Powder
Compressive Strength /Mpa (7d)	>30
Fluidity (25°C)	10-25
Free Expansion rate%	0-5
SECTION 10. STABILITY AND REACTIVITY	
Chemical Stability:	Stable.
Conditions to Avoid:	Heat, flame, ignition sources, shock and incompatibles.
Incompatibilities:	Combustible materials, organic materials, powdered metals, ammonia, hydrazine, reducing agents.
Hazardous Decomposition Products:	Oxides of nitrogen.
Hazardous Polymerization:	Will not occur.
SECTION 11. TOXICOLOGICAL INFORMATION	
Oral rat LD50:	3900 mg/kg. Irritation eye rabbit 500mg/24H severe.
Cancer Lists:	NTP Carcinogen
Ingredient Known Anticipated IARC Category	
SECTION 12. ECOLOGICAL INFORMATION	
Environmental Toxicity:	The LC50/96-hour values for fish are over 100 mg/l
SECTION 13. DISPOSAL CONSIDERATIONS	
Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options.	
SECTION 14. TRANSPORT INFORMATION	
IATA Not regulated as a hazardous material.	
IMO not regulated as a hazardous material.	
RID/ADR not regulated as a hazardous material.	
IMDG not regulated as a hazardous material.	
SECTION 15. REGULATORY INFORMATION	
Proper shipping name: GROUT AGENT PGA	
SECTION 16. ADDITIONAL INFORMATION	
The information and recommendations set forth herein are based on data we have in our possession and we have reason to believe is	

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accurate. It is, however, the user's responsibility to determine the safety, toxicity, and suitability for his own use of the herein described product. Because the actual by others is beyond our control, CASTECH, makes no warranty expressed or implied regarding accuracy of the results to be obtained from the use thereof.

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