

MATERIAL SAFETY DATA SHEET
CSA Expanding Agent
SECTION 1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:	CSA EXPANDING AGENT
COMPANY:	CASTECH LANKA PVT LTD
ADDRESS:	NO.531/13,NEGAMBO ROAD,SEEDUWA
TELEPHONE NO:	011-2257888
EMERGENCY NO.:	011-2257888
FAX:	011-2257488
EMAIL:	info@castechchem.com

SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name:	Calcium Sulpho Aluminated expanding agent
CAS NO.:	65997-16-2
EINECS NO.:	N.A.
Composition:	97%min
Material Uses	Superplasticizer; Concrete admixture;Dispersant

SECTION 3. HAZARDS IDENTIFICATION

Eye:	Mechanical irritation only.
Skin:	Molten material will cause thermal burns.
Ingestion:	Not a probable route of exposure.
Inhalation:	Stock shapes are not respirable, avoid breathing dust, as fine particles can be inhaled and retained in the lungs.

SECTION 4. FIRST AID MEASURES

Eyes:	Check for and remove any contact lenses.Flush eyes with water.Do not use an eye ointment.
Skin:	Wash skin with soap and plenty of water. If molten material contacts skin, cool rapidly with cold water. Do not attempt to peel material from skin. Obtain medical attention to thermal burn.
Ingestion:	Do not induce vomiting. Immediately give two glasses of water, a little at a time.Never give anything by mouth to an unconscious person. Call a physician. If Vomiting occurs spontaneously, lower head below waist to prevent fluid from entering the lungs.
Inhalation:	If exposed to fumes from overheating, move to fresh air and get medical attention if cough or other symptoms develop.

Medical conditions generally aggravated by this material: No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product.

SECTION 5. FIRE-FIGHTING MEASURES

Flash ignition temperature:	Not available
Unusual fire, explosion hazards:	Not available..
Hazardous combustion products:	Hazardous combustion products may include intense heat, dense black smoke, carbon monoxide, carbon dioxide and hydrocarbon fragments.
Special fire fighting instructions:	Fire fighters and others exposed to products of combustion should wear full protective clothing including self-contained breathing apparatus. Fire fighting equipment should be thoroughly decontaminated after use.
Extinguishing media:	Water spray or Foam extinguishing agent.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill or Release:	Clean up by vacuuming or sweeping to prevent falls.
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SECTION 7. HANDLING AND STORAGE

Storage	Keep container closed when not in use. Do not store in direct sunlight and rain. Keep
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Handling: container tightly closed. Keep in a cool, well-ventilated place.
In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Wash thoroughly after handling.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses are recommended to prevent particulate matter from entering eyes while grinding or machining.

Skin: Protective gloves are required when handling hot polymer. Also, long sleeve cotton shirt and long pants if handling molten polymer.

Ventilation: Local exhaust at processing equipment to assure that particulate levels are kept at recommended levels.

Respirator: None under normal processing, if ventilation is adequate.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: While Grey Powder

Non-volatiles: 97%

Specific gravity: 2.8-3.0 g/cm³

SECTION 10. STABILITY AND REACTIVITY

Stability at room temperature: Stable.

Materials to avoid: Not available.

Conditions to avoid: Not available.

SECTION 11. TOXICOLOGICAL INFORMATION

Poly Melamine Sulfonic Acid, CAS No. 65997-16-2
Sodium salt

Chronic toxicity: None.

Medical conditions prone to aggravation by exposure: There are no known human health effects aggravated by exposure to this product.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: EC50/48>560mg/l

SECTION 13. DISPOSAL CONSIDERATIONS

Spill or release: Clean up by vacuuming or wet sweeping to minimize dust exposure.

Waste disposal: Landfill or incineration in compliance with federal, state, and local regulations.

SECTION 14. TRANSPORT INFORMATION

Hazard class: N.A.

SECTION 15. REGULATORY INFORMATION

CSA is not regulated goods. Please contact CASTECH Chemical Company for transportation information details.

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 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.