

SAFETY DATA SHEET (SDS)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: CHEM-EXTENDER
Other means of identification: None
Recommended use: Thickener
Supplied by: CHEMTEC

E-mail Address : www.epoxychemtec.com
Prepared by: The Health, Safety and Environmental Department
Telephone number of preparer: 1-844-829-1717
Fax number: Not available

Emergency Telephone Number:

24-Hour Emergency Telephone Number Canada (CANUTEC) : (613) 996-6666

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification of hazardous product: None
GHS Label Elements: Hazard Pictograms/symbols

Signal Word: None

Hazard and Precautionary Statements:

Not Regulated

Other Hazards Known: None known

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Concentration (%)</u>
None	None	None

SECTION 4. FIRST AID MEASURES

Inhalation IF INHALED: In case of respiratory irritation, move to fresh air; consult a physician if symptoms persist.
Ingestion IF SWALLOWED: Consult a physician if symptoms develop.
Skin Contact IF ON SKIN: In case of skin irritation, wash off with soap and water; consult a physician if symptoms persist.
Eye Contact IF IN EYES: Remove contact lenses if present, and flush eyes with water to remove particles; consult a physician if symptoms persist.

Most important symptoms and effects (acute and delayed)

May cause respiratory irritation. May cause mechanical skin irritation. May cause skin irritation.

Indication of any immediate medical attention and special treatment needed

Not applicable.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

In case of fire: Use foam, fog, dry chemicals, CO₂, sand; water mist to cool exposed surfaces.

Specific hazards arising from the hazardous product: May include, but not limited to, CO and CO₂.

Special protective equipment and precautions for fire-fighting: Firefighters should wear full protective clothing. Due to the potential decomposition of the polymer, firefighters should be equipped with positive pressure self-contained breathing apparatus (SCBA) when fighting all indoor fire and any significant outdoor fires, and should fight fire from an upwind position.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

A dust mask and goggles are recommended to prevent possible irritation from airborne fibers.

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Methods and materials for containment and cleaning up

Vacuum or sweep up and place in a standard disposal container. Avoid the use of air jets if possible, to prevent fibers from becoming airborne.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

No special handling has been shown to be necessary. Maintain good housekeeping methods to control dust accumulations. Avoid the use of air jets if possible, to prevent fibers from becoming airborne.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store away from incompatible materials (chlorine or chlorinated products). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or spills.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters (biological limit values or exposure limit values and source of those values)

Fiber dust should be considered a nuisance dust, i.e. particulates (not otherwise classified):

Exposure limits:

ACGIH TLV- 10 mg/m³ total dust; 3 mg/m³ respirable dust

OSHA PEL- 15 mg/m³ total dust; 5 mg/m³ respirable dust

Engineering Controls

Local exhaust ventilation may be used to reduce exposure to airborne fibers or fiber dust. Processing involving the use of elevated temperatures should only be carried out in areas with adequate ventilation.

Personal Protective Equipment

A dust mask and goggles are recommended to prevent possible irritation from airborne fibers.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State/ Appearance/ Color:	White, fluffy fibers	Vapour Pressure:	Not applicable
Odour:	No significant odor	Vapour Density:	Not applicable
Odour threshold:	Not applicable	Relative Density:	0.96 (g/ml)
pH:	Not available	Solubility:	Not soluble in water
Melting/freezing point:	125-135 C	Partition coefficient-n-octanol/water:	Not available
Initial boiling point/range:	Not applicable	Auto-ignition temperature:	Not available
Flash point (closed cup):	>200 C	Decomposition temperature:	Not available
Evaporation rate:	Not applicable	Viscosity:	Not applicable
Flammability (solids and gases):	Non-flammable	VOC:	Not applicable
Upper and lower flammability/explosive limits	Not applicable	Other:	None known

SECTION 10. STABILITY AND REACTIVITY

Reactivity: This product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability: This product is stable under normal conditions.

Possibility of hazardous reactions: None.

Conditions to Avoid: None.

Incompatible materials: Oxidizing materials.

Hazardous decomposition products: None known.

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SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure (inhalation, ingestion, skin and eye contact):

Possible inhalation of airborne fibers or fiber dust. Possible eye contact with airborne fibers or fiber dust.

Symptoms related to the physical, chemical and toxicological characteristics:

Symptoms of respiratory irritation may include coughing, sneezing, or itching of the nasal passages. Ingestion of large amounts of fibers may cause gastrointestinal blockage, which can cause stomach distress. Symptoms of skin irritation may include itching or redness of the skin. Symptoms of eye irritation may include itching, watering, or redness of the eyes.

Delayed and immediate effects (chronic effects from short- term and long-term exposure):

Skin Sensitization – No data available; **Respiratory Sensitization** – No data available; **Germ Cell Mutagenicity** – No data available; **Carcinogenicity** – No data available; **Reproductive Toxicity** – No data available; **Specific Target Organ Toxicity — Single Exposure** – No data available; **Specific Target Organ Toxicity - Repeated Exposure** – No data available; **Aspiration Hazard** – No data available; **Health Hazards Not Otherwise Classified** – No data available.

Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀):

No data available.

ATE not available in this document.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial information):

No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Information on safe handling for disposal/methods of disposal/contaminated packaging: Dispose of contents/container into safe container in accordance with local, regional or national regulations.

SECTION 14. TRANSPORT INFORMATION

UN Number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations:

Not classified as a dangerous good under transport regulations.

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime):

Not classified as a dangerous good under transport regulations.

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air):

Not classified as a dangerous good under transport regulations.

Special Precautions(transport/conveyance): None

Environmental hazards (IMDG or other): No

Bulk transport (usually more than 450L in capacity): Possible.

SECTION 15. REGULATORY INFORMATION

Safety/health Canadian regulations specifics: Refer to section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

Environmental Canadian regulations specifics: Refer to section 3 for ingredient(s) of the DSL.

Safety/health/environmental outside regulations specifics: None

SECTION 16. OTHER INFORMATION

Date of latest revision of the safety data sheet:

18 October 2016



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NOTICE TO READER:

END OF S.D.S.