



# GLENGARRY CHEMICALS LTD.

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## MATERIAL SAFETY DATA SHEET

### Emergency Telephone Numbers:

CANUTEC: 1-613-996-6666

POISON CONTROL CENTRE: 1-800-268-9017

W.H.M.I.S. CLASSIFICATION: Not Controlled

### SECTION I PRODUCT INFORMATION

Product Name : COLLOID 40P  
Product Use : Steam Boiler Sludge Conditioner  
Chemical Family : Mixture  
Chemical Formula : Mixture

### SECTION II HAZARDOUS INGREDIENTS

COMPONENTS	Wt / Wt %	LD <sub>50</sub> Oral-rat	HAZARD	CAS NO.
Not Applicable				

### SECTION III PHYSICAL STATE

Appearance and Physical State : Clear Brown Liquid  
Odour : Mild characteristic Odour Boiling Point (°C) : ~ 100  
Specific Gravity (water = 1) : 1.10 - 1.15 Freezing Point (°C) : ~ 0  
Vapour Pressure (mm Hg) : Not Available % Volatile ( by weight) : > 60 (as Water)  
Vapour Density (air = 1) : Not Available pH Product : 9.0 - 10.0  
Evaporation Rate : Not Available pH 1% Solution :  
Solubility in Water : Miscible Coefficient of Water/Oil Distribution : Not Available

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability: Non-Flammable  
Upper Explosive Limit : Not Applicable Lower Explosive Limit : Not Applicable  
Flash Point : Not Applicable  
Means of Extinction: Appropriate for surrounding materials.  
Special Procedures : Self contained breathing apparatus and protective clothing should be worn in fighting all fires involving chemicals.

### SECTION V HEALTH HAZARD DATA

#### A - EFFECTS OF ACUTE OVEREXPOSURE

EYES: Causes irritation, redness and pain.  
SKIN: May cause irritation.  
INHALATION: Product is not volatile, however mists may be irritating.  
INGESTION: May cause gastrointestinal discomfort.

#### B - EFFECTS OF CHRONIC OVEREXPOSURE

Not known

## SECTION VI EMERGENCY AND FIRST AID

- EYES:** Wash with copious amount of cold water for at least 20 minutes keeping eyelids open. If irritation persists, repeat flushing. Obtain medical attention immediately.
- SKIN:** Immediately wash the affected areas with plenty of water. If irritation, redness or burning sensation develops obtain medical advice.
- INHALATION:** Remove to fresh air.
- INGESTION:** Do not attempt to give anything by mouth to an unconscious person. If person is alert and not convulsing rinse mouth out and give 1-2 glasses of water to dilute material and seek medical attention immediately. Do not induce vomiting.

## SECTION VII TOXICOLOGICAL DATA

- Exposure Limits:** Not Available.
- Carcinogenicity:** The ingredients of this product are not classified as carcinogens by ACGIH or IARC, not regulated as carcinogen by OSHA, and not listed as carcinogen by NTP.
- Reproductive Effects:** No information is available.
- Mutagenic Effects:** No information is available.
- Teratogenic Effects:** No information is available.
- Sensitization:** No information is available.
- Routes of Entry:** Ingestion, Inhalation, Skin and eye absorption.

## SECTION VIII SPILL OR LEAK PROCEDURES

### Steps To Be Taken In Case Material Is Spilled Or Released:

Wear protective equipment. Contain the spill and soak up with an absorbent material. Collect for disposal.

### Disposal Procedures:

Follow your local, provincial, and federal government chemical disposal regulations.

## SECTION IX PROTECTION INFORMATION

- Engineering Controls:** Local Exhaust.
- Respiratory Protection:** Not normally required.
- Protective Clothing:** Chemical resistant Gloves, apron or impervious protective clothing.
- Eye Protection:** Safety Glasses.
- Other Protective Equipment:** Eye Wash Station and Safety Shower.

## SECTION X REACTIVITY DATA

- Stability:** Stable.
- Conditions to Avoid:** Avoid strong oxidizing agents and strong acids.
- Hazardous Polymerization:** Will Not Occur.
- Incompatibility to Other Substances:**  
Strong acids, and oxidizers
- Hazardous Combustion Products:**  
Thermal decomposition products are toxic and may include Phosphines, CO and oxides of sodium.

## SECTION XI HANDLING AND STORAGE PRECAUTIONS

Use normal "good" industrial hygiene and housekeeping practices. Wear appropriate safety equipment when handling. Store away from incompatibles. Keep containers closed when not in use and store in a cool dry place .

## SECTION XII FURTHER INFORMATION

### TDG CLASSIFICATION:

**Shipping Name:** NOT REGULATED  
**UN Number:** Not Applicable. **Class:** Not Applicable. **Packing Group:** Not Applicable.

### Preparation Information:

**Prepared By:** Regulatory Department  
**Review Date:** 1-Oct-14 **Preparation Date:** 20-Apr-97

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