


## Section 1: IDENTIFICATION

|                                       |  |
|---------------------------------------|--|
| <b>Product Name:</b>                  | KONTROL®   |
| <b>Other Means of Identification:</b> | Modified Sulfonated Asphalt  |
| <b>Product Family:</b>                | Shale Stabilizer   |
| <b>Recommended Use:</b>               | Drilling Fluid Additive  |
| <b>Manufacturer/Supplier:</b>         | Bri-Chem Supply Ltd.<br>27075 Acheson Road<br>Acheson, AB T7X 6B1      |
| <b>Phone Number:</b>                  | 780-962-9490   |
| <b>Emergency Phone:</b>               | CHEMTREC 1-800-424-9300 (Canada and USA 24 hours a day, 7 days a week) |

## Section 2: HAZARD(S) IDENTIFICATION

### Classification

|                                     |   |
|-------------------------------------|---|
| <b>Acute Toxicity (Oral):</b>       | Category 4  |
| <b>Acute Toxicity (Inhalation):</b> | Category 4  |
| <b>Skin Irritation:</b>             | Category 2  |
| <b>Eye Irritation:</b>              | Category 2B   |
| <b>Label Elements:</b>              |  |

**Signal Word:** WARNING!

**Hazard Statements:** Harmful if inhaled, causes skin irritation, causes eye irritation.

### Precautionary Statements

**Prevention:** Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands and skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in well ventilated area. Wear protective gloves.

**Response:** IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell  
IF ON SKIN: Wash with plenty of water  
IF INHALED: Remove person to fresh air and keep comfortable for breathing  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation occurs: Get medical advice or attention  
If eye irritation persists: Get medical advice or attention  
Take off contaminated clothing and wash it before reuse.

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**Disposal:** Dispose of contents and container in accordance with local, regional, national and international regulations.

**Other Hazards:** Material will burn releasing combustion products which may be toxic.

**Section 3: COMPOSITION / INFORMATION ON INGREDIENTS**

| Chemical Name     | CAS No. | %   | Other Identifiers | Other Names |
|-------------------|---------|-----|-------------------|-------------|
| Proprietary Blend | Mixture | 100 |                   |             |

**Section 4: FIRST-AID MEASURES**

**First Aid Measures**

**Inhalation:** Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped. Get medical attention.

**Skin Contact:** Wash skin thoroughly with soap and water. Remove contaminated clothing.

**Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water while holding the eyelid(s) open. Continue to rinse for 30 minutes. Get medical attention.

**Ingestion:** Induce vomiting if person is conscious. Seek medical attention. Never give anything by mouth to an unconscious or convulsing victim.

**Section 5: FIRE-FIGHTING MEASURES**

**Extinguishing Media**

**Suitable Extinguishing Media:** Water, carbon dioxide, dry chemical, foam.

**Specific Hazards Arising from The Product:** Material will burn releasing combustion products which may be toxic. Hazardous combustion products: sulfur dioxide, carbon monoxide, carbon dioxide.

**Special Protective Equipment and Precautions for Fire-Fighters:** Evacuate all unnecessary personnel. Firefighters should wear a full-body encapsulating chemical protective suit with positive-pressure self-contained breathing apparatus (SCBA).

**Section 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures:** Use the personal protective equipment recommended in Section 8 of this safety data sheet.

**Environmental Precautions:** Do not allow into any sewer, on the ground or into any waterway. It is good practice to prevent spilled material and/or runoff from entering waterways, drains and sewers.

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**Methods and Materials for Containment and Clean-Up:** Highway or Rail Spill: Contain spill, protect from ignition. Keep out of water sources or sewers. Absorb in a dry, inert material like sand, clay. Contact local authorities for specific disposal site information.

### Section 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Handle only in well ventilated areas. Avoid breathing dust. Handle in accordance with good industrial hygiene and safety practice. It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

**Conditions for Safe Storage:** Store in a cool, dry, well ventilated place away from oxidizing agents, ignition sources.

### Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Appropriate Engineering Controls:** Provide general or local exhaust ventilation systems; local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

#### Individual Protection Measures

**Eye/Face Protection:** Use safety glasses with side-shields. Ensure an eyewash station is available in immediate work area.

**Skin Protection:** Use long-sleeved clothing and gloves. Ensure emergency shower is available.

**Respiratory Protection:** Use NIOSH-approved air-purifying respirator.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Basic Physical and Chemical Properties

**Appearance:** Black Powder

**Odor:** Odorless

**pH:** Not available

**Melting Point/Freezing Point:** Not available (melting)

**Initial Boiling Point/Range:** Not available

**Vapor Pressure:** No available

**Relative Density (Water=1):** 1.25

**Solubility:** Slightly soluble in water

#### Other Information

**Physical State:** Solid

**Bulk Density:** Not available

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### Section 10: STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Chemical Stability:</b>                 | Normally stable   |
| <b>Possibility of Hazardous Reactions:</b> | Hazardous polymerization will not occur.                    |
| <b>Conditions to Avoid:</b>                | Avoid excessive heat, ignition sources and strong oxidants. |
| <b>Hazardous Decomposition Products:</b>   | Sulfur dioxide  |

### Section 11: TOXICOLOGICAL INFORMATION

No toxicological information is available on this product.

|  |  |
|--|--|
| <b>Likely Routes of Exposure:</b>                                | Inhalation; skin contact; eye contact.   |
| <b>Skin Corrosion/Irritation:</b>                                | Irritating to the skin on prolonged contact.   |
| <b>Serious Eye Damage/Irritation:</b>                            | Causes eye irritation  |
| <b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>   |  |
| <b>Inhalation:</b>   | Causes respiratory tract irritation.   |
| <b>Skin Absorption:</b>  | May be harmful if absorbed through the skin.   |
| <b>Ingestion:</b>  | May cause gastric distress, nausea, vomiting, liver damage   |
| <b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b> |  |
| <b>IARC, NTP, OSHA:</b>  | Not listed   |
| <b>No Information was Located For:</b>                           | Respiratory and/or Skin Sensitization, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects |

### Section 12: ECOLOGICAL INFORMATION

No Ecotoxicity or Environmental Fate Data Available

### Section 13: DISPOSAL CONSIDERATIONS

|                          |  |
|--------------------------|--|
| <b>Disposal Methods:</b> | Recover and re-use if possible. Dispose of in accordance with federal, provincial/state and local regulations. |
|--------------------------|--|

### Section 14: TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

|  |                |
|--|----------------|
| <b>Special Precautions:</b>  | Not applicable |
| <b>Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:</b> | Not applicable |

**Section 15: REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations**

**Canada**

**WHMIS 1988 Classification:** Not a WHMIS controlled product.

**USA**

**Additional USA Regulatory Lists**

**RCRA:** If this product becomes a waste, it may be characterized as a hazardous waste and prescribed by RCRA.

**CERCLA:** Not subject to reporting.

**Section 16: OTHER INFORMATION**

**NFPA Rating:** Health -1      Flammability -0      Physical Hazards -0

**Disclaimer:**

The information contained herein is based on data available to us and is believed to be true and accurate. However, no guarantee or warranty is provided, expressed or implied, by the company or its subsidiaries regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Since the use of this product is within the exclusive control of the user, we do not assume any responsibility and expressly disclaim any liability for any use of this product. It is the user's responsibility to determine the conditions of safe use, storage, and disposal of the product. Compliance with all applicable federal, provincial, and local regulations remains the responsibility of the user.

**Prepared by:** Bri-Chem Supply Ltd.

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