

## NUT SHELL (F, M, C)

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	NUT SHELL (F, M, C)
<b>Other Means of Identification</b>	Organic fibrous material
<b>Product Family</b>	Friction Reducer / Lost Circulation Material
<b>Recommended Use</b>	Drilling Fluid Additive.
<b>Supplier</b>	Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, <a href="http://www.brichemsupply.com">www.brichemsupply.com</a>
<b>Emergency Phone No.</b>	ChemTrec, (800) 424-9300, 24/7

### SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Not classified under any GHS hazard classes.

**GHS Label Elements**

Not applicable

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures****Inhalation**

Non-toxic. No first aid required.

**Skin Contact**

Wash with soap and water. If adverse symptoms develop, seek medical attention.

**Eye Contact**

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water while holding the eyelid(s) open for 15 minutes. If adverse symptoms develop, seek medical attention.

**Ingestion**

Non-toxic. No first aid required.

**First-aid Comments**

No specific measures required.

### SECTION 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Dry chemical, carbon dioxide, foam, water.

**Specific Hazards Arising from the Chemical**

None known.

Flash Point: 149°C

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Upper Flammability Limit: 243°C.

### **Special Protective Equipment and Precautions for Fire-fighters**

Firefighters must 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.

### **Methods and Materials for Containment and Cleaning Up**

Use appropriate safety equipment. Small spill: sweep up and put into approved DOT containers for disposal or re-use. Large spill: DO NOT allow to enter waterways; sweep or shovel into approved DOT containers for disposal or re-use.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid contact with skin and eyes. 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. Keep container tightly closed and away from incompatible materials.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Appropriate Engineering Controls**

Provide mechanical ventilation to prevent dust concentrations and to reduce potential exposure.

### **Individual Protection Measures**

#### **Eye/Face Protection**

Wear chemical safety goggles when contact is possible.

#### **Skin Protection**

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### **Respiratory Protection**

A NIOSH-approved dust respirator is recommended.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Basic Physical and Chemical Properties**

<b>Appearance</b>	Brown Granules. Particle Size: Not available
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not applicable
<b>Melting Point/Freezing Point</b>	Not applicable (melting); Not applicable (freezing)
<b>Initial Boiling Point/Range</b>	Not applicable
<b>Flash Point</b>	149 °C
<b>Evaporation Rate</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (lower)
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	2.2
<b>Solubility</b>	Insoluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not applicable

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<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not applicable
<b>Viscosity</b>	Not applicable (kinematic)
<b>Other Information</b>	
<b>Physical State</b>	Solid
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable
<b>Bulk Density</b>	Not available
<b>Surface Tension</b>	Not applicable
<b>Critical Temperature</b>	Not applicable
<b>Vapour Pressure at 50 deg C</b>	Not applicable
<b>Saturated Vapour Concentration</b>	Not applicable

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

None known.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

Contains no hazardous ingredients. No known effects of acute or chronic exposure. General irritancy of product not applicable.

### Skin Corrosion/Irritation

No effects expected. Abrasion may occur with prolonged contact.

### Serious Eye Damage/Irritation

Not a likely route of exposure. No adverse effects expected.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Not a likely route of exposure. No adverse effects expected.

#### Ingestion

Not a likely route of exposure. No adverse effects expected.

No information was located for: STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity

## SECTION 12. ECOLOGICAL INFORMATION

No ecotoxicity or environmental fate data available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government regulations.

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## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations.

**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

**Canada**

### **WHMIS Classification**

Not a WHMIS controlled product.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** Bri-Chem Supply Ltd

**Phone No.** (403) 252-5904

**Date of Preparation** February 11, 2016

**Disclaimer** This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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