

MATERIAL SAFETY DATA SHEET

<p>WHMIS HAZARD INDEX: D2A</p> <p>0 INSIGNIFICANT 1 SLIGHT 2 MODERATE 3 HIGH 4 EXTREME</p>	<p>PRODUCT CODE:</p> <p>FIRE 1 REACTIVITY 0 SPECIAL 0 TOXICITY 1</p>																
<p>SECTION 1 LOCATION</p> <p>TOPCO OILSITE PRODUCTS LTD. BAY 5, 3401 – 19 STREET N.E. CALGARY, ALBERTA CANADA T2E 6S8</p> <p>PHONE (403) 219-0255 FAX (403) 291-3042</p>	<p>SECTION 6 TOXICOLOGY</p> <p>ROUTE OF ENTRY: SKIN & EYE CONTACT</p> <p>CHRONIC EFFECTS: MAY CAUSE IRRITATION AND POSSIBLE DERMATITIS IN SENSITIVE INDIVIDUALS</p> <p>ACUTE TOXICOLOGY: NO DATA AVAILABLE</p>																
<p>TRADE NAME: MUD BUTTER MATERIAL USE: LUBRICATE FOR DRILL PIPE AND DRILL COLLAR IN INVERTS SYSTEMS (ENVIRONMENTALLY FRIENDLY)</p>	<p>SECTION 7 PREVENTION MEASURES</p> <p>GLOVES: RUBBER OR CLOTH</p> <p>EYE PROTECTION: GOOGLES RECOMMENDED</p> <p>VENTILATION: LOCAL EXHAUST</p> <p>RESPIRATORY PROTECITON: NONE REQUIRED</p> <p>LEAK & SPILL PROCEDURE: PREVENT MATERIAL FROM ENTERING WATERCOURSES BY CONTAINING WITH SAND OR EARTH.</p> <p>WASTE DISPOSAL: DISPOSE IN COMPLIANCE WITH GOVERNMENT REGULATIONS AND LOCAL REQUIREMENTS.</p> <p>STORAGE REQUIREMENTS: COOL, DRY AREA, AWAY FROM SOURCES OF HEAT.</p>																
<p>SECTION 2 HAZARDOUS INGREDIENTS</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>COMPOSITION</u></th> <th style="text-align: left;"><u>APPROX. CONCENTRATION</u></th> <th style="text-align: left;"><u>C.A.S.</u></th> <th style="text-align: left;"><u>EXP.LIMITS</u></th> </tr> </thead> <tbody> <tr> <td>GRAPHITE</td> <td>5 – 15%</td> <td>7782-42-5</td> <td>N/A</td> </tr> <tr> <td>MOLY</td> <td>1 – 10%</td> <td>7439-92-1</td> <td>N/A</td> </tr> <tr> <td>TALC</td> <td>5 – 15%</td> <td>1480-7966</td> <td>N/A</td> </tr> </tbody> </table>	<u>COMPOSITION</u>	<u>APPROX. CONCENTRATION</u>	<u>C.A.S.</u>	<u>EXP.LIMITS</u>	GRAPHITE	5 – 15%	7782-42-5	N/A	MOLY	1 – 10%	7439-92-1	N/A	TALC	5 – 15%	1480-7966	N/A	<p>SECTION 8 FIRST AID MEASURES</p> <p>SKIN: WASH THOROUGHLY WITH SOAP AND WARM WATER</p> <p>EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES</p> <p>INHALATION: VAPOUR PRESSURE IS NEGLIGIBLE. REMOVE VICTIM FROM FURTHER EXPOSURE</p> <p>INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.</p>
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<p>SECTION 3 CHEMICAL & PHYSICAL PROPERTIES</p> <p>NAME: PETROLEUM HYDROCARBON WITH ADDITIVES</p> <p>ODOUR: MILD PETROLEUM</p> <p>COLOUR: BLACK</p> <p>PHYSICAL STATE: SEMI-SOLID</p> <p>SPECIFIC GRAVITY: 1.077 g./c.c.</p> <p>BOILING POINT: 260°C+ (500°F)</p> <p>SOLUBILITY: NONE</p>	<p>SECTION 9 PREPARATION DATE</p> <p>PREPARED BY: ALAN S. HUEHN GENERAL MANAGER TOPCO OILSITE PRODUCTS LTD.</p> <p>DATE: September 1st 2007</p>																
<p>SECTION 4 FIRE & EXPLOSION HAZARDS</p> <p>PROCEDURES: USE WATER ONLY AS A FOG. "FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN POSITIVE PRESSURE DEMAND.</p> <p>UNUSUAL FIRE & EXPLOSION HAZARDS: NONE</p> <p>FLASH POINT: GREATER THAN 171°C (340°F) ASTM D-92</p> <p>EXTINGUISHING AGENTS: DRY CHEMICAL, WATERFOG, CO2, FOAM, SAND/EARTH</p>	<p>PRODUCT NOT TDG REGULATED AS PER WHMIS STANDARD.</p>																
<p>SECTION 5 REACTIVITY DATA</p> <p>CHEMICAL STABILITY: YES</p> <p>INCOMPATIBILITY: STRONG OXIDIZING AGENTS</p> <p>HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE</p>																	
<p>THE DATA PRESENTED HEREIN IS BELIEVED ACCURATE FOR THE SPECIFIC MATERIAL BUT IS IN NO WAY GUARANTEED. THE INFORMATION HEREIN MAY NOT BE APPLICABLE IF THE SPECIFIC MATERIAL IS USED IN COMBINATION WITH OTHER MATERIAL. TOPCO OILSITE ASSUMES NO RESPONSIBILITY AND MAKES NO WARRANTY IN CONNECTION WITH ANY USE FOR THE SPECIFIC MATERIAL. OTHER OR ADDITIONAL SAFETY MEASURES TO THOSE INDICATED MAY BE REQUIRED. THE USER, THEREFORE, ASSUMES FULL RESPONSIBILITY, BOTH AS TO PERSONS AND AS TO PROPERTY, FOR THE USE OF THESE MATERIALS.</p>																	

