SECTION 1 - Product Identification & Use

COMMON NAME: Adtek 200
MATERIAL IDENTIFIER: 0934
APPLICATION: Asphaltene Dispersant
WHMIS CLASSIFICATION: D.2A, B.3
EMERGENCY CONTACT: CANUTEC
EMERGENCY PHONE: (613) 996-6666

MANUFACTURER: Sci-Tech Inc.
DISTRIBUTOR: #340 53016 Hwy 60
Acheson, AB T7X 5A7
(780) 960-1200

SECTION 2 - Hazardous Ingredients

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>%</th>
<th>CAS/UN #</th>
<th>LD(50) OF INGREDIENT</th>
<th>LC(50) OF INGREDIENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy aromatic naphtha solvent</td>
<td>60 - 100</td>
<td>64742-94-5</td>
<td>Rat (Oral) 100 mg/kg</td>
<td>n.av.</td>
</tr>
<tr>
<td>Nonylphenol polyethoxylate</td>
<td>5 - 10</td>
<td>9016-45-9</td>
<td>Rat (Oral) 2780 mg/kg</td>
<td>n.av.</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>1 - 5</td>
<td>111-76-2</td>
<td>Rabbit (Oral) 370 mg/kg</td>
<td>Rat 450 ppm 4h</td>
</tr>
</tbody>
</table>

SECTION 3 - Physical Data

<table>
<thead>
<tr>
<th>PHYSICAL STATE:</th>
<th>ODOUR AND APPEARANCE:</th>
<th>SOLUBILITY IN WATER:</th>
<th>ODOUR THRESHOLD:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Kerosene; Colourless</td>
<td>0%</td>
<td>n.av.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIFIC GRAVITY:</th>
<th>VAPOUR DENSITY (air=1):</th>
<th>VAPOUR PRESSURE:</th>
<th>% VOLATILE BY VOLUME:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9 ± 0.02</td>
<td>0.012</td>
<td>1.2 mm Hg</td>
<td>n.av.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BOILING POINT:</th>
<th>MELTING POINT:</th>
<th>pH:</th>
<th>OCTANE-WATER COEFF:</th>
</tr>
</thead>
<tbody>
<tr>
<td>n.av.</td>
<td>n.av.</td>
<td>n.av.</td>
<td>n.av.</td>
</tr>
</tbody>
</table>

OTHER PERTINENT INFORMATION:
This product forms a stable emulsion when mixed with aqueous solution.

SECTION 4 - Fire & Explosion Data

FLAMMABILITY:
May ignite due to static spark, open flames, or other ignition sources.

MEANS OF EXTINCTION:
Use dry chemicals, carbon dioxide, alcohol foam, or water spray.

SPECIAL PROCEDURES:
Firefighter's normal protective clothing (Bunker Gear) will not provide adequate protection. Chemical resistant clothing (splash suit) and a positive pressure SCBA may be necessary.

HAZARDOUS COMBUSTION PRODUCTS:
May liberate oxides of carbon

FLASHPOINT (°C): 57.0
AUTOIGNITION TEMPERATURE (°C): 510
LOWER FLAMMABLE LIMIT (% BY VOLUME): n.av.
UPPER FLAMMABLE LIMIT (% BY VOLUME): n.av.
EXPLOSION SENSITIVITY TO IMPACT: n.av.
SENSITIVITY TO STATIC DISCHARGE: Moderate

SECTION 5 - Reactivity Data

CHEMICAL STABILITY:
Stable under normal conditions.

INCOMPATIBLE MATERIALS:
Incompatible with acids, bases, and strong oxidizing materials.

HAZARDOUS DECOMPOSITION:
May thermally decompose to produce carbon monoxide and carbon dioxide.
SECTION 6 - Toxicological Properties

INHALATION:
Vapours or mists may result in intoxication, drowsiness, stupor, narcosis and death.

EYE CONTACT:
May cause severe irritation to eyes, visual impairment, or complete blindness

SKIN CONTACT:
May cause mild to moderate irritation, especially under prolonged or repeated exposure.

INGESTION:
May cause burning in mouth and esophagus, as well as gastrointestinal irritation and nausea resulting in fatality.

SECTION 7 - Preventative Measures

<table>
<thead>
<tr>
<th>GLOVES:</th>
<th>Impermeable gloves required.</th>
<th>FOOTWEAR:</th>
<th>Rubber boots required.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATOR:</td>
<td>NIOSH approved</td>
<td>CLOTHING:</td>
<td>Impermeable coveralls required.</td>
</tr>
<tr>
<td>EYEWEAR:</td>
<td>Chemical goggles or face shield required.</td>
<td>OTHER:</td>
<td>Eye-wash station required.</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROL:
For use only in well ventilated areas that meet TLV requirements.

LEAK AND SPILL PROCEDURE:

WASTE DISPOSAL:
Incineration is the recommended disposal method. Biodegradation may be used for aqueous methanol solutions. Disposal must meet all federal, provincial, and local regulations.

HANDLING PROCEDURES AND EQUIPMENT:
Use explosion-proof electrical equipment when transferring. Ensure proper electrical grounding procedures are in place.

STORAGE REQUIREMENTS:
Store in totally enclosed equipment. Avoid storage with incompatible materials. No smoking or open flames in storage. Protect from damage.

TDG CLASSIFICATION:
Not TDG Regulated.

SECTION 8 - First Aid Procedures

INHALATION:
Remove victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel. Immediately transport victim to an emergency care facility.

EYE CONTACT:
In case of contact with eyes, flush eyes with plenty of water for at least 15 minutes while holding eye lids open. If irritation persists, seek medical attention.

SKIN CONTACT:
In case of contact with skin, remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation persists, seek medical attention.

INGESTION:
Rinse victim's mouth with water. DO NOT INDUCE VOMITING. Have victim drink 300 mL of water to dilute material in stomach. If milk is available, it may be given AFTER the water. Transport victim to an emergency facility.

SECTION 9 - Preparation of MSDS

SCI-TECH Department of Research and Development
PHONE NUMBER: (780) 960-1200
CONSTRUCTED: 07/21/2006
RELEASED: 01/03/2011

SCI-TECH Inc. believes that all statements, technical information and recommendations contained herein are based on available scientific tests or data which we believe to be reliable. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. SCI-TECH assumes no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the product's label and Material Safety Data Sheet.