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**5. FIRE-FIGHTING MEASURES**

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Extinguishing media      Water spray, foam, CO2 or dry powder. Container close to fire should be removed or cooled with water.  
Use breathing apparatus against noxious fumes.

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**6. ACCIDENTAL RELEASE MEASURES**

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Environmental precautions      Do not allow the product to enter the environment.

Methods for cleaning up      Prevent liquid entering sewers. Absorb smaller quantities. With greater spill, get in contact with rescue workers. Wear suitable protective equipment.

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**7. HANDLING AND STORAGE**

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Handling      Mechanical ventilation. Avoid contact with skin and eyes. Eyewash equipment should be provided.  
Keep away from strong heating.

Storage      Store in original closed containers.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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Ventilation      Good ventilation should be provided.

Eye and skin protection      If necessary use safety goggles and protective gloves.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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|   |                            |
|---|----------------------------|
| Physical state                                  | Oily liquid                |
| Colour  | Brown                      |
| Melting point(°C)                               | -33                        |
| Density (g/ml)                                  | 0.885 ( 15 °C )            |
| Viscosity, kinematic, 40 °C, mm <sup>2</sup> /s | 102                        |
| Flash point (°C)                                | 225 method: (ASTM D92,COC) |

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**10. STABILITY AND REACTIVITY**

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Stability      Stable under normal condition.

Conditions/materials to avoid      Strong oxidizing agents.

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11. TOXICOLOGICAL INFORMATION

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|            |  |
|------------|--|
| Inhalation | Inhalation of dust/fumes may cause irritation.                 |
| Ingestion  | May cause a feeling of sickness.                               |
| Skin       | Repeated and prolonged contact with skin can cause irritation. |
| Eye        | Contact with eye may cause irritation.                         |

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12. ECOLOGICAL INFORMATION

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|                             |   |
|-----------------------------|---|
| Mobility                    | The Little mobility in soil. Some components may penetrate the soil causing ground water pollution. Will spread on the water surface. A small portion may be dispersed in water.        |
| Degradability               | The product is not readily biodegradable.   |
| Ecotoxicity/bioaccumulation | The base oil components are not expected to be dangerous to the aquatic environment. Contains a small amount of additive components classified as dangerous to the aquatic environment. |

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13. DISPOSAL CONSIDERATIONS

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Local authority should be informed when discharge of greater spill.

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14. TRANSPORT INFORMATION

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|             |                |
|-------------|----------------|
| UN-no       | Not classified |
| RID / ADR   | Not classified |
| IMO         | Not classified |
| IATA / ICAO | Not classified |

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15. REGULATORY INFORMATION

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|           |      |
|-----------|------|
| R-Phrases | none |
| S-Phrases | none |

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16. OTHER INFORMATION

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Text of R-phrases indicated in section 2:

R 36/38: Irritating to eyes and skin.

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Revision date: 12/11/2004

Signature: Lennart Fahlgren  
Petrolia AB