PRODUCT NAME: Super Penetrating Oil

MANUFACTURER'S NAME: Specialty Division, Sprayon Products
26300 Fargo Avenue
Bedford Heights, OH 44146

EMERGENCY TELEPHONE NUMBER
(216) 566-2917

MISCELLANEOUS INFORMATION
(800) 832-2541

Section 2 - Hazardous Ingredients

% by WT   CAS No.  INGREDIENT             UNITS          VAPOR PRESSURE
---------------------------------------------------------------------------
10        74-98-6  Propane                  ACGIH TLV 2500 ppm  760 mm
                      OSHA PEL 1000 ppm

10        106-97-8 Butane                   ACGIH TLV 800 ppm  760 mm
                      OSHA PEL 800 ppm

22        64742-88-7 Mineral Spirits.       ACGIH TLV 100 ppm  2 mm
                      OSHA PEL 100 ppm

48        8008-20-6 Kerosine, petroleum     ACGIH TLV Not Available 0.7 mm
                      OSHA PEL Not Available

10        64742-52-5 Heavy Naphthenic Petroleum Oil. ACGIH TLV Not Available
                      OSHA PEL Not Available

Section 3 - Hazards Indentification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system.
May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.
Redness and itching or burning sensation may indicate eye or excessive skin exposure.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

MATERIAL SAFETY DATA SHEET
Effective Date: 6-6-02 Revision Date: none
Super Penetrating Oil
Code: SD Page: 2

Section 4 - First Aid Measures
If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Firefighting Measures
FLASH POINT LEL UEL
Propellant < 0 F 0.7 9.5
EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, Foam
UNUSUAL FIRE AND EXPLOSION HAZARDS Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
SPECIAL FIRE FIGHTING PROCEDURES Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Environmental Release Measures
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage
STORAGE CATEGORY
NFPA 30B Level 3 Aerosol

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

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**Section 8 - Exposure Controls/Personal Protection**

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

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**MATERIAL SAFETY DATA SHEET**

**Effective Date:** 6-6-02 **Revision Date:** none

**Code:** SD

Super Penetrating Oil

**Section 9 - Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>6.08 lb/gal 728 g/l</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.73</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>&lt;0 - 572 F &lt;-18 - 300 C</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>91 %</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Faster than ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>N.A.</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>Volatile Weight 89.95 % Less Federally Exempt Solvents</td>
</tr>
</tbody>
</table>
Section 10 - Stability and Reactivity

STABILITY -- Stable
CONDITIONS TO AVOID
   None known.
INCOMPATIBILITY
   None known.
HAZARDOUS DECOMPOSITION PRODUCTS
   By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION
   Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
   No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
<th>4HR</th>
<th>Not Available</th>
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</thead>
<tbody>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td>RAT</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td>RAT</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits.</td>
<td>RAT</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td>8008-20-6</td>
<td>Kerosine, petroleum</td>
<td>RAT</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td>64742-52-5</td>
<td>Heavy Naphthenic Petroleum Oil</td>
<td>RAT</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION
   No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD
   Waste from this product may be hazardous as defined under the Resource
Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.
Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 - Transport Information
No data available.

Section 15 - Regulatory Information
SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
</table>

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.