

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s)                                 | ACGIH TLV   | OSHA PEL   | AIHA WEEL | OTHER |
|--|---|--|-----------|-------|
| Distillates (petroleum), hydrotreated heavy naphthenic | 5 mg/m3 TWA mist<br>10 mg/m3 STEL mist<br>5 mg/m3 TWA Inhalable fraction. | 5 mg/m3 TWA mist<br>500 ppm (2,000 mg/m3) PEL<br>5 mg/m3 PEL Mist.           | None      | None  |
| Petroleum, dewaxed, paraffinic                         | 5 mg/m3 TWA Inhalable fraction.   | 5 mg/m3 PEL Mist.  | None      | None  |
| Graphite   | 2 mg/m3 TWA Respirable fraction.  | 5 mg/m3 PEL Respirable fraction.<br>15 mg/m3 PEL Total dust.<br>15 MPPCF TWA | None      | None  |
| Petroleum resins                                       | None  | None   | None      | None  |

**Engineering controls:**

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

**Respiratory protection:**

If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

**Eye/face protection:**

Wear safety glasses; chemical goggles (if splashing is possible).

**Skin protection:**

Wear impervious gloves for prolonged contact. Suitable glove materials may include: Neoprene gloves. Nitrile gloves. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                         |
|---|-------------------------|
| <b>Physical state:</b>                          | Semi-Solid              |
| <b>Color:</b>                                   | White                   |
| <b>Odor:</b>                                    | Odorless                |
| <b>Odor threshold:</b>                          | Not available.          |
| <b>pH:</b>                                      | Not applicable          |
| <b>Vapor pressure:</b>                          | Not applicable          |
| <b>Boiling point/range:</b>                     | 371 °C (699.8 °F)       |
| <b>Melting point/ range:</b>                    | 188 °C (370.4 °F)       |
| <b>Specific gravity:</b>                        | 0.893                   |
| <b>Vapor density:</b>                           | Not applicable          |
| <b>Flash point:</b>                             | 215 °C (419°F) ASTM D92 |
| <b>Flammable/Explosive limits - lower:</b>      | Not available.          |
| <b>Flammable/Explosive limits - upper:</b>      | Not available.          |
| <b>Autoignition temperature:</b>                | Not applicable          |
| <b>Evaporation rate:</b>                        | Not available.          |
| <b>Solubility in water:</b>                     | Insoluble               |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.          |
| <b>VOC content:</b>                             | Not available.          |
| <b>Viscosity:</b>                               | Not available.          |
| <b>Decomposition temperature:</b>               | Not available.          |