



# NEVILLE CHEMICAL COMPANY

Neville Island, Pittsburgh, Pennsylvania 15225

412-331-4200 FAX: 412-777-4234

## MATERIAL SAFETY DATA

| 1. PRODUCT INFORMATION      |  |  |                         |
|-----------------------------|--|--|-------------------------|
| Date:                       | June 6, 2003   | 24 HOUR EMERGENCY ASSISTANCE<br>Neville Chemical Company 412-331-4200<br>CHEMTREC 800-424-9300 |                         |
| Tradename:                  | NP-10 Plasticizer  |  |                         |
| D.O.T. Shipping Name:       | Elevated Temperature Liquid N.O.S. 9,<br>UN3257, PGIII, Placarded Hot/3257<br>(Bulk Shipments Only)<br>Not Regulated in Non-Bulk Packaging | HMIS Hazard Rating   |                         |
| Chemical Name and Synonyms: | Hydrocarbon Resin  | Least  | 0 Health 1              |
|                             |  | Slight   | 1 Flammable 1           |
|                             |  | Moderate   | 2 Reactivity 0          |
| Chemical Family:            | Petroleum Hydrocarbon Resin  | High   | 3                       |
|                             |  | Extreme  | 4 Personal Protection X |
| CAS No:                     | Proprietary Mixture  | Neville Recommends B Minimum   |                         |

| 2. HAZARDOUS INGREDIENTS                                   |             |                 |                                      |
|--|-------------|-----------------|--------------------------------------|
| Principal Hazardous Components (Chemical and Common Names) |             |                 |                                      |
| Naphthalene  | CAS 91-20-3 | 0.01 – 0.06 wt% | OSHA PEL 10 ppm Cercla RQ 100 Pounds |

| 3. PHYSICAL DATA           |                                  |                               |            |
|----------------------------|----------------------------------|-------------------------------|------------|
| Softening Point, R&B °C    | 10 ± 4                           | Percent Volatiles (by Weight) | Negligible |
| Specific Gravity           | 1.0 @ 25°C                       | Evaporation Rate (Water = 1)  | <1         |
| Boiling Point (°F) Initial | NDA                              |                               |            |
| Solubility in Water        | Negligible                       | Vapor Pressure (mm Hg.)       | NDA        |
| Appearance and Odor        | Amber Liquid, Petrochemical Odor | Vapor Density (Air = 1)       | NDA        |

| 4. FIRE AND EXPLOSION HAZARD DATA   |  |                             |     |     |     |     |
|-------------------------------------|--|-----------------------------|-----|-----|-----|-----|
| Flash Point:                        | 400°F (COC)  | Flammable Limits            | LEL | NDA | UEL | NDA |
| Extinguishing Media:                | Water Spray, Dry<br>Chemical, CO <sub>2</sub> , Foam   | Autoignition<br>Temperature | NDA |     |     |     |
| Special Fire Fighting Procedures:   | Do not enter confined fire space without proper protective equipment, including a NIOSH approved SCBA. Use water spray to cool fire-exposed surfaces and to protect personnel.                       |                             |     |     |     |     |
| Unusual Fire and Explosion Hazards: | Frothing may occur if water is sprayed into container of burning liquid. Vapors are heavier than air and may travel along the ground to an ignition source distant from the material handling point. |                             |     |     |     |     |

| 5. HEALTH HAZARD DATA                                |   |
|--|---|
| Threshold Limit Value:                               | NE, Recommend 5 mg/m <sup>3</sup> for mineral oil mist (if used under misting conditions) |
| Signs and Symptoms of Exposure                       |   |
| Acute Overexposure:                                  | Not likely to cause any significant acute toxicological effects.                          |
| Chronic Overexposure:                                | No chronic affects known.   |
| Medical Conditions Generally Aggravated by Exposure: | May cause skin, eye and mucous membrane irritation.                                       |
| Primary Routes of Entry:                             | Skin, eyes; inhalation of oil mist if the product is aerosoled.                           |
| Eye Irritation:                                      | May cause irritation.   |
| Skin Irritation:                                     | May cause skin irritation.  |

(Continued on Reverse Side)

NA = Not Applicable  
NE = None Established  
NDA = No Data Available

| <b>5. HEALTH HAZARD DATA (Continued)</b>  |  |
|---|--|
| This mixture is not listed as a carcinogen or potential carcinogen by NTP, IARC or OSHA. It may contain a small amount of naphthalene which is listed in Group 2B by IARC |  |
| <b>OSHA Permissible Exposure Limit:</b>   | NE, Recommend 5 ppm for mineral oil mist.  |
| <b>ACGIH Threshold Limit Value:</b>   | NE, Recommend 5 ppm for mineral oil mist, ceiling 10 mg/m <sup>3</sup>   |
| <b>Emergency and First Aid Procedures</b>   |  |
| <b>Inhalation:</b>  | Remove victim to fresh air and provide oxygen if breathing is difficult.   |
| <b>Eyes:</b>  | Flush eyes with copious quantities of water while holding eyelids open. If irritation persists, consult physician. |
| <b>Skin:</b>  | Wash skin with soapy water. Use emollient skin creams. If irritation persists call a physician.                    |
| <b>Ingestion:</b>   | Do not induce vomiting. Get medical attention.   |

| <b>6. REACTIVITY DATA</b>                    |   |   |                    |
|--|---|---|--------------------|
| <b>Stability:</b>                            | <b>Unstable:</b> --                           | <b>Stable:</b> X                        |                    |
| <b>Hazardous Polymerization:</b>             | <b>May Occur:</b> --                          | <b>Will Not Occur:</b> X                |                    |
| <b>Conditions to Avoid:</b>                  | Open flames, high temperatures, electric arc. |   |                    |
| <b>Incompatibility (Materials to Avoid):</b> | Oxidizers                                     | <b>Hazardous Decomposition Products</b> | CO CO <sub>2</sub> |

| <b>7. SPILL OR LEAK PROCEDURES</b>                                |   |
|---|---|
| <b>Steps to be taken in case material is released or spilled:</b> | At elevated temperatures, vapors can spread and result in flash fire. Eliminate sources of ignition. Recover and reclaim large quantities. Collect small amounts with suitable absorbent and place in sealable containers. Keep out of sewers and other public water systems. |
| <b>Waste Disposal:</b>  | Reclaim or dispose of in accordance with local, state and federal regulations.  |

| <b>8. SPECIAL PROTECTION INFORMATION</b> |  |
|--|--|
| <b>Respiratory Protection:</b>           | NIOSH approved organic vapor respirator in accordance with 29 CFR 1910.134 if recommended PEL is exceeded. |
| <b>Ventilation:</b>                      | Provide explosion proof ventilation as required to control vapor levels.                                   |
| <b>Protective Gloves:</b>                | Rubber, neoprene if splashing is a problem.  |
| <b>Eye Protection:</b>                   | Safety glasses and a face shield if splashing is a problem.  |
| <b>Other Equipment:</b>                  | Wear other protective equipment as required to minimize skin contact.                                      |

| <b>9. SPECIAL PRECAUTIONS</b>               |  |
|---|--|
| <b>Precautions to be taken in handling:</b> | Eliminate ignition sources, use explosion proof equipment. Conveying and processing equipment should be spark-proof, electrically bonded and grounded. |
| <b>Other Precautions:</b>                   | Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse.                      |

| <b>10. OTHER REGULATORY INFORMATION</b>   |  |
|---|--|
| All components of this mixture are on the TSCA Inventory.   |  |
| All components of this mixture are on the Canadian DSL.   |  |
| This material is not regulated under SARA Title III, Section 302 and does not contain any substance above the de minimus level for Section 313.                         |  |
| This product is not hazardous as defined in CFR 1910.1200 and under the provisions of Title III, Section 313/312 of the Superfund Amendments and Reauthorization Act.   |  |
| Naphthalene is known to the State of California to cause cancer. Naphthalene is on the following state Right to Know lists: Massachusetts, New Jersey and Pennsylvania. |  |