**MATERIAL SAFETY DATA SHEET**

**Distributor**
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Last updated: July 07

**Product identification**
- **Product name:** DISPROPORTIONATED ROSIN  
- **CAS Number:** 8052-10-6  
- **Synonyms:** dispro. rosin, D-rosin  
- **Formula:** C19H27COOH mainly  
- **Molecular weight:** unspecified

**Composition/information on ingredients**
Macromolecule polymer via gum rosin isomerization.

**Hazards identification**
- **Routes of entry:** Inhalation-YES  
  Skin-YES  
  Ingestion-YES  
- **Reports of carcinogenicity:** NTP-NO  
  IARC-NO  
  OSHA-NO  
- **Health hazards acute and chronic:**  
  eyes-may cause irritation; skin-may cause irritation;  
  inhalation-may be harmful; ingestion- may be harmful.

**First aid measures**
- **Eyes:** immediately flush with copious amounts of water for at least 15 min.  
  Skin: immediately wash with soap and copious amounts of water.  
- **Inhalation:** remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.  
  Ingestion: wash out mouth with water provided person is conscious.

**Fire fighting measures**
- **Extinguishing media:** water spray. Carbon dioxide, dry chemical powder or appropriate foam.  
- **Fire fighting procedures:** wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
  Unusual fire/explosion hazard: emits toxic fumes under fire conditions.

**Accidental release measures**
- **Spill release procedures:** wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.  
  Sweep up, place in a bag and hold for waste disposal.  
  Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**Handling and storage**
- **Handling and storage precautions:** avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Avoid inhalation. Keep tightly closed. Store away from heat.

**Exposure controls/Personal protection**
- **Respiratory protection:** NIOSH/MSHA-approved respirator.  
- **Ventilation:** mechanical exhaust required.  
- **Protective gloves:** compatible chemical-resistant gloves.  
- **Eye protection:** chemical safety glasses.  
- **Other protective equipment:** safety shower and eye bath.  
- **Work hygienic practices:** wash hands thoroughly after handling.  
- **Supplemental safety and health:** none

**Physical and chemical properties**
- **Appearance:** yellowish transparent solid  
- **Softening point:** 75 degree C min.  
- **Acid value:** 155mgKOH/g min.  
- **Spec gravity:** 1.05  
- **Solubility in water:** negligible  
- **Vapor pres:** negligible  
- **Percent volatiles by volume:** negligible

**Stability and reactivity data**
- **Stability indicator/materials to avoid:** yes. Strong oxidizing agents.  
- **Hazardous decomposition products:** carbon dioxide and carbon monoxide.

**Toxicological information**
- **Routes of exposure:** the substance can be absorbed into the body by inhalation of fumes.  
- **Acute effects/symptoms:** inhalation of dusts or fumes causes asthmatic reactions.  
- **Chronic effect:** repeated or prolonged contact may cause skin sensitization. Repeated or prolonged inhalation exposure may cause asthma.

**Ecological information**
- **TOX INFO (CONT):** classified/regulated.  
  OSHA TWA: 15mg/ms total, 5mg/m3 respirable fraction.  
  TLV-TWA: 10mg/m3.

**Disposal considerations**
- **Waste disposal methods:** dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.  
  Observe all federal, state, and local regulations.

**Transport Information**
- **Non-hazardous** for air, sea and road freight.

**Regulatory Information**
- **Unspecified.**

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