

MATERIAL SAFETY DATA SHEET

Distributor

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Product identification

Product name: PINE TAR OIL
CAS NO. 8011-48-1/91995-59-4
Synonyms: wood tar oil
Formula: macromolecule polymer
Molecular weight: unspecified

Composition/information on ingredients

Macromolecule polymer.

Hazards identification

Eye: Causes eye irritation. May cause chemical conjunctivitis and corneal damage.
Skin: Causes skin irritation. May cause irritation and dermatitis.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Ingestion of large amounts may cause CNS depression.
Inhalation: Causes respiratory tract irritation.
Chronic: Effects may be delayed.

First aid measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Fire fighting measures

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do NOT use straight streams of water.

Accidental release measures

Absorb with inert material (eg vermiculite, sand or earth), then place in suitable container. Use a spark-proof tool.

Handling and storage

Handling: Use only in a well-ventilated area. Ground and bond containers when transferring material. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

Storage: Keep away from sources of ignition. Store in a cool place in the original container and protect from sunlight. Store in a tightly closed container

Exposure controls/Personal protection

ACGIH / NIOSH / OSHA - Final PELs: none listed
Eyes: Wear chemical splash goggles.
Skin: Wear appropriate gloves to prevent skin exposure.
Respirators: If exposure limits are exceeded.

Physical and chemical properties

Appearance & color: deep brown & viscous liquid
Viscosity S (100ml, 85 deg C):
150-250/250-350/350-450
Volatile content: 6.5%/6.0%/5.5%
Specific gravity (D20/4): 0.96 - 1.06
Moisture content: 0.5% max.
Ash content: 0.5% max.
Mechanical Impurity content: 0.3% max.

Stability and reactivity data

Stability: Stable under ordinary conditions of use and storage. Prolonged or excessive heat and/or exposure to air may cause decomposition or oxidation.
Hazardous Decomposition Products: CO, CO₂.
Hazardous Polymerization: Will not occur.
Incompatibilities: Strong oxidizing agents, acids & bases.
Conditions to avoid: Heat, flame & other ignition source.

Toxicological information

LD50 LC50 Mixture:LD50: (RAT) 5000 MG/KG
RTECS#:
Draize test, rabbit, skin: 500 mg/24H Moderate;
Inhalation, mouse: LC50 = 67500 mg/m³;
Oral, mouse: LD50 = 5550 uL/kg;
Oral, rat: LD50 = 5300 mg/kg;

Ecological information

Ecotoxicity: n/a
Environmental: n/a
Other: May be toxic to aquatic organisms; May cause long-term adverse effects in the aquatic environment.

Disposal considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

Transport Information

Not regulated.

Regulatory Information

Safety Phrases: S24/25, avoid contact with skin & eyes.

Disclaimer

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