

MATERIAL SAFETY DATA SHEET

Distributor

SUMMIT TRADE PTE LTD
9/F Baiyun Riverscape Tower, 5 Xijiang 2nd Road,
Wuzhou, Guangxi, China (543001)
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Product identification

Product name: GUM TURPENTINE
CAS NO. 8006-64-2
Synonyms: turpentine oil, turpentine spirits
Formula: C₁₀H₁₆
Molecular weight: 136.00

Composition/information on ingredients

Mixture of pinenes.

Hazards identification

Eye: Contact with eyes may cause severe irritation, and possible eye burns.

Skin: Causes skin irritation. May cause skin sensitization, an allergic reaction.

Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea.

Inhalation: May cause respiratory tract irritation.

First aid measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Ingestion: Do not induce vomiting. Get medical aid.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not or difficult breathing, give artificial respiration or oxygen.

Fire fighting measures

Extinguishing Media: Use water fog, dry chemical, carbon dioxide, or regular foam.

Other Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. As flammable Liquid, it can release vapors that form explosive mixtures at temperatures above the flashpoint.

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: 20 ppm TWA
NIOSH: 100 ppm TWA; 560 mg/m³ TWA 800 ppm IDLH
OSHA - Final PELs: 100 ppm TWA; 560 mg/m³ TWA

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate gloves to prevent skin exposure.

Respirators: If exposure limits are exceeded.

Physical and chemical properties

Color & appearance: clean, transparent liquid
Specific gravity (20 / 4 degree C): 0.87 max.
Refractive index (20 degree C): 1.4650 - 1.4710
Initial distilling point: 150 degree C min.
Distillate (below 170 degree C): 90% min.
Acid value (mgKOH/g): 0.5 max.
Flash point: 35 degree C

Stability and reactivity data

Acids or acidic material and strong oxidizing agents.
Stability condition to avoid: material can undergo auto oxidation in air & generate heat which can build up in confined spaces causing spontaneous combust.
Hazardous decomposition products: carbon monoxide and/or carbon dioxide.

Toxicological information

LD50/LC50:

Draize test, rabbit, skin: 500 uL Severe;
Inhalation, mouse: LC50 = 29 mg/m³/2H;
Inhalation, mouse: LC50 = 30000 mg/m³;
Inhalation, rat: LC50 = 12 gm/m³/6H;
Inhalation, rat: LC50 = 16600 mg/m³/2H;
Inhalation, rat: LC50 = 13700 mg/m³/4H;
Oral, rat: LD50 = 5760 mg/kg;

Carcinogenicity: Not listed by ACGIH, IARC, NTP, or CA.

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

DOT hazard Class: 3. UN No: 1299. Packing group: III

Regulatory Information

This product has a WHMIS classification of B2, D2B.

Disclaimer

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