

MATERIAL SAFETY DATA SHEET

Distributor

SUMMIT TRADE PTE LTD
9/F Baiyun Riverscape Tower, 5 Xijiang 2nd Road,
Wuzhou, Guangxi, China (543001)
Last updated: July 07

Product identification

Product name: GLYCEROL ESTER OF ROSIN
CAS NO.8050-31-5
Synonyms: glycerol rosin ester
Formula: C63H62O3 mainly
Molecular weight: unspecified

Composition/information on ingredients

Macromolecule polymer via gum rosin esterification by glycerol.

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 granular or piece
Softening point: 83 degree C min.
Acid value: 15mgKOH/g max.
Solubility in benzol: clear
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.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.