

Section 1. Product and Company Identification

Product Name Tall Oil Pitch
CAS Number 8016-81-7

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Section 2. Hazards Identification

Classification of the substance or mixture

Skin Corrosion/ Irritation - Category 2

GHS Label Elements

Pictograms:



Signal word: WARNING

Hazard and precautionary statements

GHS Hazard Statements: Avoid Skin and Eye Contact during heating process. May become irritating to eyes and skin. Wear proper PPE while handling. H317 - May cause an allergic skin reaction.

Emergency Overview

Warning: The health hazards of this product should be low under normal industrial and commercial uses. This product will burn when exposed to heat, spark, or flames. After prolonged contact with porous materials, this product may spontaneously oxidize (combust).

GHS classification: Skin Corrosion/Irritation - Category 2

GHS hazard symbols: Irritant

Eye: Avoid eye contact. Irritating vapors may be formed when product is processed at high temperatures. Exposure to hot material may cause thermal burns. If heated material contacts eye, seek medical attention immediately for thermal burn treatment.



Skin: May cause skin irritation. Avoid skin contact. Contact with product at elevated temperatures can result in thermal burns. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis) in susceptible individuals. Maintain good hygiene practices.

Inhalation: Irritating vapors may be formed when product is processed at high temperatures. Avoid breathing vapors or mists. Short-term inhalation of vapors may cause dizziness, nausea, and respiratory tract congestion in some individuals. Single exposure is not expected to cause acute toxicity.

Ingestion: Ingestion of large amounts is unlikely. Ingestion of small amounts is not likely to cause acute toxicity or internal damage.

Chronic effects: Prolonged exposure to vapors or fumes generated by heating of this product may lead to respiratory irritation with throat discomfort, coughing or breathing difficulty. Repeated exposure may lead to respiratory sensitization (asthma).

Carcinogenicity information: No known cancer hazards.

Section 3. Composition / Information on Ingredients

Common Name Tall Oil Pitch

CAS Number 8016-81-7

COMPONENT	CAS NUMBER	CONCENTRATION
Tall Oil Pitch	8016-81-7	100%

Section 4. First Aid Measures

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion: Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery



position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

Section 5. Firefighting Measures

Flammable Properties

COC Flash Point: 262.8 C (505.0 F)

Autoignition Temperature: N/ A

Extinguishing Media: Use water spray to cool fire exposed containers. Use carbon dioxide, dry chemical or water spray to extinguish fires.

Fire & Explosion Hazards: Can burn in fire, releasing toxic vapors. No known unusual hazards in a fire/explosion situation.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate area and fight fire from a safe distance.

Combustion Products: When product is heated to decomposition, product will emit acrid dense smoke with carbon dioxide, carbon monoxide, trace oxides of sulfur, water and other products of combustion; possibly including formaldehyde.

Section 6. Accidental Release Measures

Personal precautions: Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers

Methods for cleaning up: If emergency personnel are unavailable, vacuum or carefully scoop up spilled material and place in an appropriate container for disposal by incineration. Avoid creating dusty conditions and prevent wind dispersal.

Section 7. Handling and Storage

Handling: Wash thoroughly after handling

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls / Personal Protection

OSHA PEL

TWA: 15 mg/m³ (Total particulates)

TWA: 5 mg/m³ (Respirable Particulate)



ACGIH TLV

TWA: 10 mg/m³ (Inhalable particulates not otherwise specified)

TWA: 3 mg/m³ (Respirable particulates not otherwise specified)

Engineering measures: No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protection:

Eye/face: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommend safety glasses with side-shields or splash goggles

Skin: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. >8 hour/hours (breakthrough time): When handling hot material, wear heat-resistant protective gloves that are able to withstand the temperature of molten product. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory: Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hygiene measures: Wash hands, forearms and face thoroughly after handling. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9. Physical and Chemical Properties

Form: Soft Solid

Color: Dark

Odor: Fatty Acid

Boiling Point: 204 - 293 C @ 5 mm Hg

Vapor Pressure: <.001 mm Hg@ 20 C

Vapor Density: Unknown (Air= 1)

Solubility In Water: <1%@25°C

Specific Gravity: .970@ 25°C (Water= 1)

Section 10. Stability and Reactivity

Stability: Stable

Polymerization: Hazardous polymerization will not occur

Incompatibility with Other Materials: Avoid contact with strong oxidizing agents.

Decomposition: Decomposition may produce normal products of combustion such as fumes, smoke, oxides of carbon and hydrocarbons.



Section 11. Toxicological Information

Target organ effects: May cause damage to the following organs: eyes.

Specific effects:

Carcinogenic effects: No known significant effects or critical hazards.

Mutagenic effects: No known significant effects or critical hazards.

Teratogenicity/Reproductive Toxicity: No known significant effects or critical hazards.

Irritant/Sensitizer:

Ingestion: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Eyes: No known significant effects or critical hazards.

Skin: No known significant effects or critical hazards.

Section 12. Ecological Information

Environmental precautions: No known significant effects or critical hazards.

Products of degradation: These products are carbon oxides (CO, CO₂) and water.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

NOTE: These regulations apply only when this product is shipped at a temperature of 100°C or above.

This product is NOT REGULATED when shipped under 100°C.

DOT Classification (Bulk):

UN number: UN3257

Proper shipping name: Elevated temperature liquid, n.o.s.

Class: 9

PG: III

Remarks: Label: Hot;

IATA-DGR Class: Not Regulated

IMDG Class: Not Regulated



Section 15. Regulatory Information

HCS Classification: Target organ effects

U.S. Federal regulations:

TSCA: No products were found.

SARA 302/304/311/312 extremely hazardous substances: Not applicable.

SARA 302/304 emergency planning and notification: Not applicable.

SARA 302/304/311/312 hazardous chemicals: Not applicable.

SARA 311/312:

Tall-oil pitch:

Immediate (acute) health hazard

State regulations

California Prop. 65: The required chemical analyses and risk assessments were performed on this product. Results indicate that there are no significant risks (or observable effects), as defined by this statute, associated with this product under conditions of normal use.

Canada:

Not controlled under WHMIS (Canada).

Canadian NPRI: No products were found.

International regulations:

International lists:

United States: This product and/or its components are TSCA Listed.

Canada: This product and/or its components is DSL Listed or acceptable under CEPA registration regulations.

Europe: This product is EINECS listed.

Australia: This product is AICS listed.

Japan: This product is ENCS Listed.

China: This product is listed on the Chinese IECSC.

South Korea: This product is ECL Listed.

Philippines: This product is PICCS Listed.

Switzerland: Acceptable.

Health: 1

Flammability: 1

Reactivity: 0

Protective Equipment: D

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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