

# MR-109

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Manufacturer Mobile Rosin Oil Company 2401 Burden Lane Mobile, AL 36617	Emergency Contact Chemtrec: 1-800-424-9300 (USA) (1)330-542-8400 (outside USA)
Trade Name(s): MR-109	Rosin/tall oil
Relevant identified uses of the substance or mixture and uses advised against: None determined.	Application of the substance/the preparation: Industrial uses.
Issued By: Sovereign Chemical Company  According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS	Date of Issue: October 9, 2023

## 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:  
 Information in accordance with US 29 CFR 1910.1200 (Hazcom 2012)

Classification according to Regulation (EC) No 1272/2008

GHS Classification:  
 Carc. 1A Skin Irrit. 2 Eye Irrit. 2B Repr. 2

Signal Word :  
 Danger

GHS Hazard Symbols:



GHS Hazard Statements:  
 H350-May cause cancer  
 H361-Suspected of damaging fertility or the unborn child

GHS Precautionary Statements:  
 Prevention  
 P202-Do not handle until all safety precautions have been read and understood.  
 P280-Wear protective gloves/protective clothing/eye protection/face protection.  
 Response  
 P308+P313-IF exposed or concerned: Get medical advice/attention.  
 Storage  
 P405-Store locked up.

## Disposal

P201-Obtain special instructions before use.

P501-Dispose of contents/container.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance/Mixture: Mixture

Chemical Name	CAS No	EC No	Weight %	Classification
Trade Secret	n/a	n/a	50%	n/a
Tall Oil	8016-81-7	232-414-4	27%	n/a
Distillates (petroleum), hydro treated heavy naphthenic	64742-52-5	265-155-0	20%	Carc. 1A Skin Irrit. 2 Eye Irrit. 2B Repr. 2

The remaining unspecified ingredients are impurities and are not hazardous.

**4. FIRST AID MEASURES**

Description of first aid measures

After inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

After skin contact IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

After eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After ingestion Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Self-protection of the first aider No information available.

**5. FIRE FIGHTING MEASURES**

Extinguishing Media

Suitable extinguishing media Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

Unsuitable extinguishing media No information available.

Special hazards arising from the substance or mixture

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by skin contact.

Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from firefighting to enter drains or water courses.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from upwind of spill/leak.

Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up

METHODS FOR CONTAINMENT: Prevent further leakage or spillage if safe to do so.

METHODS FOR CLEANING UP : Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Take up mechanically, placing in appropriate containers for disposal.

## 7. HANDLING AND STORAGE

Precautions for safe handling

General Hygiene Considerations: When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Protect from sunlight. Store in a well-ventilated place.

Incompatibilities/Specific end uses(s)

Incompatibilities Strong oxidizing agents.  
Specific end use(s) No information available.

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Engineering Controls: Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental Exposure Controls: No information available.

**Protective Measures**

Eye/Face Protection: Wear safety glasses.

Skin Protection Requirements: There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Respiratory Protection Requirements: When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

General Hygiene Consideration: When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

Miscellaneous: Maintain good personal hygiene.

Exposure Guidelines: No information available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance Form: Viscous liquid. Color: Dark.	Change in Condition Melting Point/Range: Not determined. Boiling point/Range: 0°C
Odor: Characteristic.	Odor threshold: Not determined.
pH: Not applicable.	Flash point: 0°C
Vapor Density: Unknow (Air = 1)	Flammability (solid, gaseous): Not applicable.
Density at 20 °C: Not determined.	Auto/Self-Ignition temperature: 0°C
Relative density: Not determined.	Decomposition temperature: Not determined.
Vapor Density (Air = 1): Not determined.	Self-igniting: Product is not self-igniting.
Partition coefficient (n-octanol/water) at 20 °C: Not determined.	Danger of explosion: Product does not present an explosion hazard.
Solubility in / Miscibility with water: Nil	Evaporation rate Not determined.
Viscosity Dynamic at 20 °C: Not determined. Kinematic: Not determined.	Explosion limits Lower: Not determined. Upper: Not determined.
Solvent content: Not determined.	

**10. STABILITY AND REACTIVITY**

Reactivity  
No information available.

Chemical stability  
Stable under normal conditions.

Possibility of hazardous reactions  
None under normal processing.

Conditions to avoid  
Heat, flames and sparks.

Incompatible materials  
Strong oxidizing agents.

Hazardous decomposition products  
Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Chlorine gas.

**11. TOXICOLOGICAL INFORMATION**

Skin contact	May cause an allergic skin reaction
Eye contact	Causes serious eye irritation
Inhalation	Not applicable
Ingestion	Not applicable
Symptoms related to characteristics	Not applicable
Acute effects	Not applicable
Chronic effects	Not applicable

Distillates (petroleum), hydrotreated heavy  
LD50 Dermal Rabbit >5000 mg/kg  
LD50 Oral Rat >5000 mg/kg

Rosin  
LD50 Oral Rat >2000 mg/kg

Tall Oil  
LD50 Dermal Rat >2000 mg/kg  
LD50 Oral Rat >2000 mg/kg

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory sensitization	No information available.
Skin sensitization	No information available.
Carcinogenicity	Suspected of causing cancer
Germ cell mutagenicity	No information available.
Reproductive toxicity	Suspected of damaging fertility or the unborn child
STOT – single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

**12. ECOLOGICAL INFORMATION**

Distillates (petroleum), hydrotreated heavy  
EC50 > 1000 mg/L (48 h; DAPHNIAMAGNA;(Daphnia magna))  
LC50 > 5000 mg/L (96 h; ONCORHYNCHUSMYKISS;(Oncorhynchus mykiss))

Tall Oil

EC50 > 1000 mg/L (72 h;PSEUDOKIRCHNERIELLAS;(Pseudokirchneriella subcapita

EC50 > 2000 mg/L (48 h;DAPHNIAMAGNA;(Daphnia magna))

LC50 > 400 mg/L (96 h;BRACHYDANIORERIO;(Brachydanio rerio))

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

No information available.

Other adverse effects

No information available.

**13. DISPOSAL CONSIDERATIONS**

Handling for disposal No information available.

Methods of disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging No information available.

**14. TRANSPORTATION INFORMATION**

UN number: N/A

UN proper shipping name: N/A

Transport hazard class(es): N/A

Packing group: N/A

Environmental hazards: N/A

Special precautions for user: N/A

Transport in bulk according to Annex II of Marpol112 and the IBC Code: N/A

**15. REGULATORY INFORMATION**

United States (USA)	
SARA Section 355 (extremely hazardous substances)	None of the ingredients are listed.
SARA Section 313 (Specific toxic chemical listings)	None of the ingredients are listed.
TSCA (Toxic Substances Control Act)	All ingredients are listed
Proposition 65 (California)	

Chemicals known to cause cancer	None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females	None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males	None of the ingredients are listed.
Chemicals known to cause developmental toxicity	None of the ingredients are listed.
Carcinogenic Categories	
EPA (Environmental Protection Agency)	None of the ingredients are listed.
IARC (International Agency for Research on Cancer)	None of the ingredients are listed.
TLV (Threshold Limit Value established by ACGIH)	None of the ingredients are listed.
NIOSH-Ca (National Institute for Occupational Safety and Health)	None of the ingredients are listed.
Canada	
Canadian Domestic Substances List (DSL)	All ingredients are listed.
Canadian Ingredient Disclosure list (limit 0.1%)	None of the ingredients are listed.
Canadian Ingredient Disclosure list (limit 1%)	None of the ingredients are listed.

**16. OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.