

# MR 1086

| 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION                                                                   |                                                                                      |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Manufacturer<br>Mobile Rosin Oil Company<br>P.O. Drawer 70107<br>Mobile, AL 36670                              | Emergency Contact<br>Chemtrec: 1-800-424-9300 (USA)<br>(1)330-542-8400 (outside USA) |
| Trade Name(s): MR 1086                                                                                         | Chemical Name: Tall Oil Blend                                                        |
| Relevant identified uses of the substance or mixture: No further relevant information available.               | Uses advised against: No further relevant information available.                     |
| Issued By: Sovereign Chemical Company<br><br>According to 1907/2006/EC (REACH),<br>1272/2008/EC (CLP), and GHS | Date of Issue: April 12, 2024                                                        |

## 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture  
 Information in accordance with US 29 CFR 1910.1200 (Hazcom 2012) and Regulation (EC) No 1272/2008

GHS Classification:  
 Skin Corrosion/Irritation – Category 2  
 Skin Sens. – Category 1

GHS Hazard Symbols:



GHS Hazard Statements:

H316 – Causes skin irritation  
 H317 – May cause an allergic skin reaction.

GHS Precautionary Statements:

P202-Do not handle until all safety precautions have been read and understood.  
 P280 – Wear protective gloves, clothing, eye protection and face protection.  
 P308+P313-IF exposed or concerned: Get medical advice/attention.  
 P405-Store locked up.  
 P201-Obtain special instructions before use.  
 P501-Dispose of contents/container to.

Not classified as a carcinogen. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

| Chemical Name                                              | CAS No     | EC No     | Weight % | Classification                                    |
|------------------------------------------------------------|------------|-----------|----------|---------------------------------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic oil | 64742-52-5 | 232-414-4 | 38%      | Skin Irrit – Category 2<br>Eye Irrit – Category 1 |
| Tall-oil pitch                                             | 8016-81-7  | 232-414-4 | 32%      | N/A                                               |
| Rosin                                                      | 8050-09-7  | 232-475-7 | 15%      | N/A                                               |
| Oils, tall                                                 | 8002-26-4  | 232-304-6 | 15%      | Skin Sens – Category 1                            |

The remaining unspecified ingredients are impurities and are not hazardous.

### 4. FIRST AID MEASURES

General notes: IF exposed or concerned: Get medical advice/attention.

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.

NOTES TO PHYSICIAN: The decision whether to induce vomiting or not should be made by an attending physician. If lavage is performed, suggest endotracheal and/or esophageal control. No specific antidote. If burn is present, treat as any thermal burn. Specific treatment must be based on judgement of the physician in response to reactions of the patient.

### 5. FIRE FIGHTING MEASURES

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

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

Fire Fighting Instructions: 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

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 and upwind of spill/leak.

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 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

Handling: Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner or properly disposed of. When sampling containers, use appropriate PPE.

Physically Handling: Avoid extreme temperatures.

Storage Precautions: Keep container closed when not in use. Protect containers from physical damage. Control inventory by using oldest material first. Suggest stainless steel construction for bulk storage, but mild steel is acceptable.

Miscellaneous: Maintain good housekeeping.

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Engineering Controls: Good general ventilation should be enough to control airborne levels.

Eye/Face Protection: This material does not have established exposure limits. Wear safety glasses.

Skin Protection Requirements: For brief contact, normal work attire should be enough. When material is heated, wear gloves to protect against thermal burns.

Respiratory Protection Requirements: Under normal use conditions, with adequate ventilation, no special handling equipment is required.

Miscellaneous: Maintain good personal hygiene. Local exhaust ventilation is recommended when generating excessive levels of vapors from the handling or thermal processing.

Exposure Guidelines: No information available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                                                              |                                                                                              |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Appearance<br>Form: Viscous liquid.<br>Color: Dark.                          | Change in Condition<br>Melting Point/Range: Not determined.<br>Boiling point/Range: > 500 °F |
| Odor: Characteristic.                                                        | Odor threshold: Not determined.                                                              |
| pH: Not applicable.                                                          | Flash point: Not determined.                                                                 |
| Vapor Density: Unknown (Air = 1)                                             | Flammability (solid, gaseous): Not applicable.                                               |
| Density at 20 °C: Not determined.                                            | Auto/Self-Ignition temperature: Not determined.                                              |
| 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: Insoluble                            | Evaporation rate Not determined.                                                             |
| Viscosity<br>Dynamic at 20 °C: Not determined.<br>Kinematic: Not determined. | Explosion limits<br>Lower: Not determined.<br>Upper: Not determined.                         |
| Solvent content: Organic solvents: 0.0%                                      |                                                                                              |

**10. STABILITY AND REACTIVITY**

Reactivity

Stable under normal conditions of use.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to avoid: Keep away from heat, sparks, and open flame.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products

Carbon monoxide, carbon dioxide and 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 naphthenic

LD50 DERMAL RABBIT > 5000 mg/kg

LD50 ORAL RAT > 5000 mg/kg

Oils, tall

LD50 DERMAL RAT > 2000 mg/kg

LD50 ORAL RAT > 6000 mg/kg

Tall-oil pitch

LD50 ORAL RAT > 2000 mg/kg

LD50 DERMAL RAT > 2000 mg/kg

Rosin

LD50 DERMAL RABBIT > 2500 mg/kg

LC50 INHALATION RAT = 1.5 mg/L

LD50 ORAL RAT = 7600.0 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 No Information Available.

Germ cell mutagenicity No Information Available.

Reproductive toxicity No Information Available.

Specific target organ toxicity – single exposure No information available.

Specific target organ toxicity - repeated exposure No information available.

Aspiration hazard No information available.

## 12. ECOLOGICAL INFORMATION

Acute Toxicity

Distillates (petroleum), hydrotreated heavy naphthenic

EC50 > 1000 mg/L (48 h; DAPHNIAMAGNA; (Daphnia magna))

LC50 > 5000 mg/L (96 h; ONCORHYNCHUSMYKISS; (Oncorhynchus mykiss))

## Oils, tall

LC50 &gt; 5 mg/L (96.0 h; BRACHYDANIORERIO; (Brachydanio rerio))

EC50 = 39.7 mg/L (48.0 h; DAPHNIAMAGNA; (Daphnia magna))

EC50 = 0.87 mg/L (72.0 h; PSEUDOKIRCHNERIELLAS; (Pseudokirchneriella subcap

## Tall-oil pitch

EC50 &gt; 1000 mg/L (72.0 h; PSEUDOKIRCHNERIELLAS; (Pseudokirchneriella subcap

EC50 &gt; 2000 mg/L (48.0 h; DAPHNIAMAGNA; (Daphnia magna))

## Rosin

EC50 = 400.0 mg/L (72.0 h; DESMODESMUSSUBSPICAT; (Desmodemus subspicat

EC50 3.8-5.4 mg/ (48.0 h; DAPHNIAMAGNA; (Daphnia magna))

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

## Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

**13. DISPOSAL CONSIDERATIONS**

## Waste treatment methods

## Recommendation

Collect and reclaim or dispose of sealed containers at licensed waste disposal site.

Recommendation: Disposal must be made according to official regulations.

**14. TRANSPORTATION INFORMATION**

Product Label: MR 1086

DOT Shipping Name: Elevated Temperature Liquid, n.o.s.

DOT Hazard Class: 9

UN Number: UN 3257

DOT Label: n/a

DOT Placard: HOT

Bulk Class: n/a

Package Class: n/a

Miscellaneous: 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. This material or all its components are not regulated for IMDG.

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. |

RCRA Status: If discarded in purchased form, this product would not be hazardous waste by listing or characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as hazardous waste.

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.