

# MR 1085

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Manufacturer Mobile Rosin Oil Company P.O. Drawer 70107 Mobile, AL 36670	Emergency Contact Chemtrec: 1-800-424-9300 (USA) (1)330-542-8400 (outside USA)
Trade Name(s): MR 1085C	Synonyms: Rosin Oil
Chemical Name: Tall Oil Blend	Relevant identified uses of the substance or mixture and uses advised against Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites.
Issued By: Sovereign Chemical Company  According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS	Date of Issue: May 7, 2020

## 2. HAZARDS IDENTIFICATION

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:  
 Serious Eye Damage/Eye Irritation – Category 2  
 Skin Corrosion/Irritation – Category 2

GHS Hazard Symbols:  
 Irritant



GHS Hazard Statements:

H316 – Causes skin irritation  
 Avoid skin and eye contact during heating process. May become irritating to eyes and skin. Wear proper PPE while handling.

GHS Precautionary Statements:

P281 – Use PPE as required.  
 P210 – Keep away from heat/sparks/open flames/hot surfaces – no smoking.  
 P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.

P280 – Wear protective gloves, clothing, eye protection and face protection.  
P332/313 – If skin irritation occurs, get medical advice/attention.  
P337/313 – If eye irritation occurs, get medical advice/attention.  
P352 – Wash with plenty of soap and water.  
P341 – If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P350 – Gently wash with plenty of soap and water.  
P363 – Wash contaminated clothing before reuse.  
P403/233 – Store in a well-ventilated place. Keep container tightly closed.

PPE Recommendations: Gloves, Apron, Face Shield

Carcinogenicity: No known cancer hazards.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

MR 1085C                      100%                      CAS Number: Blend

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200

As defined under Sara 311 and 312, this product contains no known hazardous materials.

### 4. FIRST AID MEASURES

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately remove any clothing soiled by the product. Immediately wash with water and soap and rinse thoroughly. If molten product contacts skin, cool under running stream of water. Do not attempt to remove from skin. Removal could cause severe skin damage. Get medical attention.

After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. Get medical attention if irritation develops or persists. If molten product contacts eyes, flush with water for at least 15 minutes and seek medical attention.

After swallowing: Rinse out mouth and then drink plenty of water. Product is not considered to be toxic in small amounts. Obtain medical treatment if large amounts are swallowed.

NOTE TO PHYSICIAN: The decision whether to induce vomiting or not should be made by 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 physician in response to reactions of patient.

### 5. FIRE FIGHTING MEASURES

Flammable Properties

COC Flash Point: >215.6 °C (>420.1 °F)

Autoignition Temperature: >315.6 °C (>600.1 °F)

## Flammable Limits

LEL: N/A

UEL: N/A

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: 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.

**6. ACCIDENTAL RELEASE MEASURES**

Safeguards: Eliminate all sources of ignition – heat, sparks, flame, electricity, impact and friction. Protect skin and eyes from exposure. Wear appropriate PPE.

Initial Containment: Eliminate all sources of ignition – heat, sparks, flame, electricity and impact. Shut off leak if safe to do so. Contain spilled material.

Large Spills: Contain spilled liquid with sand or earth. Absorb spill with inert material (eg dry sand or earth), then place in disposal container. Dispose of waste material in accordance with all local, state/provincial and national requirements.

Small Spills: Absorb spills with inert material. Dispose of waste material in accordance with all local, state/provincial and national requirements.

**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 Form: Viscous liquid. Color: Dark.	Change in Condition Melting Point/Range: Not determined. 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 Dynamic at 20 °C: Not determined. Kinematic: Not determined.	Explosion limits Lower: Not determined. Upper: Not determined.
Solvent content: Organic solvents: 0.0%	

**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.

**11. TOXICOLOGICAL INFORMATION**

Miscellaneous: Toxicological information has been developed for some products and may be available for this product. For available information, write to the address listed in Section One of this SDS.

Tall Oil Rosin and Fatty Acids  
 Test Code: Guinea Pig Skin Sensitization

Tall Oil  
 Test Code: Guinea Pig Skin Sensitization  
 Description: Skin  
 Species: Guinea Pig  
 Results: Non-sensitizing

**12. ECOLOGICAL INFORMATION**

Miscellaneous: See Section Three.

Tall Oil Rosin  
 Test Code: BOD-5 Closed Bottle Test

**13. DISPOSAL CONSIDERATIONS**

Waste Disposal: Incineration is recommended. Bury in landfill in accordance with all applicable regulations as an alternative. Dispose of waste material in accordance with all local, state/provincial and national requirements. Uncleaned empty containers should be disposed of in the same manner as the contents.

**14. TRANSPORTATION INFORMATION**

Product Label: MR 1085C  
 DOT Shipping Name: Elevated Temperature Liquid, n.o.s.  
 Technical Shipping Name: n/a  
 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.
<b>Carcinogenic Categories</b>	
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.
<b>Canada</b>	
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 a hazardous waste.

**16. OTHER INFORMATION**

Health	<b>1</b>
Flammability	<b>1</b>
Reactivity	<b>0</b>
Protective Equipment	<b>D</b>



NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

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.