Material Safety Data Sheet

Tall Oil Fatty Acid (RXSOL-19-2043-190)

1. Product and Company Identifaction

Product Name	Tall Oil Fatty Acid
Part Number	RXSOL-19-2043-190

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone	+91 22 20871200 - 1400
Fax	+91 22 27612100 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	www.rxmraine.com

2. Composition / informationon ingredients

Substances

Synonyms	Tall oil fatty acid
CAS-No.	61790-12-3

Component		GHS Classification	Concentration
Tall oil fatty acid			
CAS-No.	61790-12-3	Not Classified	100%

3. Hazards Identification

Classification of the substance or mixture under OSHA’s Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7)	The substance is not classified according to the OSHA Hazcom or WHMIS regulations.
Label elements	The substance is not classified according to the OSHA Hazcom or WHMIS regulations.
Prevention	No GHS prevention statements
Response	No GHS prevention statements
Storage	No GHS prevention statements
Disposal	No GHS prevention statements
Other hazards	This product contains no PBT/vPvB chemicals. This product contains no endocrine disrupting chemicals.

4. First Aid Measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Rinse with plenty of clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	
Overview	No specific symptom data available. Treat symptomatically. See section 2 for further details.

5. Fire-fighting Measures

Suitable extinguishing media	Recommended extinguishing media; alcohol resistant foam, CO2, powder, water spray. Unsuitable extinguishing media: Do not use; water jet.
Special hazards arising from the substance or mixture	Hazardous decomposition: No hazardous decomposition data available.
Advice for firefighters	As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Put on appropriate personal protective equipment (see section 8). Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
Environmental precautions	Do not allow spills to enter drains or waterways.
Methods and material for containment and cleaning up	Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

7. Handling and Storage

Precautions for safe handling	Handle containers carefully to prevent damage and spillage. See section 2 for further details. - [Prevention]
Conditions for safe storage, including any incompatibilities	Incompatible materials: No available information See section 2 for further details. - [Storage]
Specific end use(s)	No available information

8. Exposure controls and personal protection

Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Protective safety glasses recommended
Skin	Avoid skin contact. Protective gloves recommended.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

9. Physical and chemical properties

Appearance	Liquid
Physical state	Liquid
Form	Liquid
Color	Yellow
Odor	Mild
Melting point / freezing point	46.4°F (8°C)

Initial boiling point and boiling range	No information available
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
Flash Point	399.2°F (204.0°C) Cleveland Open Cup
Auto-ignition temperature	494.6°F (257°C) Data is for similar product.
Decomposition temperature	No information available
pH	No information available
Viscosity (cSt)	20 cP at 25?C
Solubility in water	12.6 mg/L at 20?C; Data is for similar product.
Partition coefficient (n-octanol/water)	4.9 - 7.6 at 30?C; Data is for similar product.
Vapor pressure (Pa)	0.001 mm Hg at 20 ?C (68 ?F)
Relative Density	0.91 at 25°C/25°C; (water=1)
Vapor Density	No information available
Evaporation rate (Ether = 1)	Approx. 0 (n-BuAc=1) estimated
Oxidizing properties	No information available
Explosive properties	No information available
Acid Number	197 typical
Other information	
Chemical Family	Tall Oil Fatty Acids
Density	905.00 kg/m³ at 20°C
Pounds per gallon	7.53 at 25°C

10. Stability and reactivity

Reactivity	Hazardous Polymerization will not occur.
Chemical stability	Stable under normal circumstances.
Possibility of hazardous reactions	No information available
Conditions to avoid	Avoid high temperatures and contact with incompatible material
Incompatible materials	No information available
Hazardous decomposition products	No hazardous decomposition data available.

11. Toxicological information

Classification	Category	Hazard Description
Acute toxicity (oral)	-	Not available
Acute toxicity (dermal)	-	Not available
Acute toxicity (inhalation)	-	Not available
Skin corrosion/irritation	-	Not available
Serious eye damage/irritation	-	Not available
Respiratory sensitization	-	Not available
Skin sensitization	-	Not available
Germ cell mutagenicity	-	Not available
Carcinogenicity	-	Not available
Reproductive toxicity	-	Not available
STOT-single exposure	-	Not available
STOT-repeated exposure	-	Not available
Aspiration hazard	-	Not available
Symptoms and effects, both acute and delayed	No specific symptom data available. Treat symptomatically.	

12. Ecological information

Toxicity	No additional information provided for this product. See Section 3 for chemical specific data
Persistence and degradability	There is no data available on the preparation itself.
Bioaccumulative potential	No information available
Mobility in soil	No information available
Results of PBT and vPvB assessment	This product contains no PBT/vPvB chemicals.
Other adverse effects	No information available

13. Disposal considerations

Waste Treatment Methods	Observe all federal, provincial and local regulations when disposing of this substance.

14. Transport information

UN number	ADR/RID: IMDG: IATA:
UN proper shipping name	ADR/RID:Not Regulated IMDG: Not Regulated IATA: Not Regulated
Transport hazard class(es)	ADR/RID: IMDG: IATA:
Packaging group	ADR/RID: IMDG: IATA:
Environmental hazards	ADR/RID: No IMDG Marine pollutant: No IATA: No
Special precautions for user	No information available

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7)
Proposition 65 - Carcinogens (>0.0%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Developmental Toxins (>0.0%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Female Repro Toxins (>0.0%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Male Repro Toxins (>0.0%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 Label Warning	This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
Mass RTK Substances (>1%)	
New Jersey RTK Substances (>1%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Pennsylvania RTK Substances (>1%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
OSHA Process Safety Management Standard Highly Hazardous Chemicals, Toxics and Reactives	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
US EPA List of Regulated Substances under the Risk Management Plan (RMP) Program	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
U.S. - DEA List II or Essential Chemicals	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
U.S. - DEA - Exempt Chemical Mixtures - List 1 and 2	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
US DHS Chemical Facility Anti-Terrorism Standards (CFATS)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and weassume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.

Other Information

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.