

MATERIAL SAFETY DATA SHEET

1. Product Identification

DISTILLED TALL OIL

2. Manufacturer

JSC Segezhskiy Pulp and Paper Mill
1, Zavodskaya str., 186420, Segezha, Karelia, Russia

3. Supplier

JSC Segezhskiy Pulp and Paper Mill
1, Zavodskaya str., 186420, Segezha, Karelia, Russia

4. Hazard Identification

Irritation of skin, eyes and respiratory tract

5. Emergency and First-Aid Procedures

Ingestion: Rinse mouth with water. Seek medical advice if irritation persists. DO NOT induce vomiting because of risk of aspiration

Eye Contact: Rinse immediately with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation persists

Skin contact: Wash with soap and water. Seek medical advice if irritation persists.

6. Fire and Explosion Data

Extinguishing Media: Water fog or mist, foam, dry chemical, or carbon dioxide.

Special Firefighting Procedures: Avoid using a direct stream of water, other than light spray.

General Fire Hazards: Porous material such as rags, paper, insulation, or organic clay may spontaneously combust when wetted with this material. If mist is generated, minimum flash point may be reduced.

Unusual Fire and Explosion Hazards: Toxic gases may be released during fire. Smoke, carbon monoxide, carbon dioxide, water, trace quantities of sulfur oxides, and other products of combustion.

Fire Fighting Equipment: Wear full protective clothing, including self-contained positive pressure or pressure demand breathing apparatus, helmet, and protective clothing. Use water spray to cool fire-exposed containers and to protect personnel.

7. Accidental release measures

Personal precautions: Put on adequate protective equipment.

Environmental precautions: Keep away from drains, surface-water, ground-water and soil.

Methods for cleaning up: Collect as much as possible in a container for disposal. Cover the remainder with inert absorbent. Disposal according to local regulations. Can self-ignite when soaked into porous material (eg. rags, textiles, insulations, inorganic materials).

8. Rules of the reference and storage

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid inhalation of mists/vapors/fumes. Keep this product from heat, sparks, or open flame. Do not use air pressure or apply heat with open flame to remove contents of drum. After emptied, drum may retain solid, liquid and/or vapor residues. Continue to observe all precautions on label as if drum were full. Do not cut, puncture, torch or weld on or near the emptied drum. Do not use for other purposes. Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet or applying cosmetics.
Storage: Store at ambient temperature and atmospheric pressure. Porous material such as clothing, rags, paper, insulation, or organic clay may spontaneously combust when wetted with this material.

9. Exposure controls/personal protection

Respiratory protection: Suitable respiratory equipment in case of insufficient ventilation

Hand protection: Protective gloves. PVC

Eye protection: Safety goggles

Skin and body protection: Apron, boots, face shield, or rubber suit may be needed when handling large amounts.

Work: Eyewash stations and safety showers should be readily accessible. Provide local exhaust as needed. Provide general ventilation in processing and storage areas. Self-contained breathing apparatus (SCBA) recommended when fighting fire.

10. Physical/Chemical Properties

Color and odor: Yellow liquid with mild odor of vegetable oil and pale yellow sediment which becomes transparent at 80°C

Distilled tall oil has 8-32% of resin acids, 3-5% of unsaponifiables, 40-65% of fatty acids.

Density: 950 kg/m³ (20°C)

Boiling point: > 200°C

Solubility in water: Insoluble

Flash point: > 200°C

11. Stability

Chemical Stability:

This product is stable

Conditions to avoid:

Avoid strong oxidizing agents, acids, bases.

Avoid contact with porous materials.

Excessive heating and open flame

Hazardous decomposition products:

Carbon dioxide, carbon oxides

12. Toxicity

Will cause irritation due to skin/eye/ingestion contact

13. Environmental protection

It is necessary to avoid contact of substance with drinking sources.
The product possesses light toxic action on fishes and water micro flora of natural reservoirs.

14. Disposal considerations

Methods of disposal: Disposal according to local regulations. Controlled incineration.

15. Transport information

Not classified

16. Regulatory information

Not classified

17. Additive information

Product should be transported in polyethylene, polypropylene, aluminum or stainless steel containers

Product has manufactured according TU 13-00281074-26-95

Guaranty shelf life – 4 months from date of production

Sales Manager
D.V.Koteshov

