



**PINE** CHEMICAL GROUP

## Material Safety Data Sheet – Tall Oil Rosin

### 1. Product Identification

TALL OIL ROSIN

### 2. Supplier

Pine Chemical Group Oy, 10 Tehtaankatu, 00120, Helsinki, Finland

### 3. Hazard Identification

May cause sensitization by skin contact. On heating, this product may generate fumes that irritate the eye and may cause respiratory irritation with throat discomfort, coughing, or difficulty breathing.

### 4. Emergency and First-Aid Procedures

**Skin contact:** Wash with soap and water

**Ingestion:** Rinse mouth with water

**Eye contact:** Rinse immediately with plenty of water

### 5. Fire and Explosion Data

**Flash Point:** above 200°C

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

**Unusual Fire and Explosion Hazards:** Toxic gases may be released during fire.

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## 6. Accidental release measures

In case of spilling collect substance back to container. Wash spill place with a solution of soda and-or water with soap.

## 7. Rules of the reference and storage

To keep in dry and good ventilated place separately from food. To keep far from sources of heat. To keep from direct sunlight. To keep far from sources of the open flame. Do not smoke in. Exclude access of children and animals. To store product at an ambient temperature. The warehouse should provide protection of substance against direct influence of sunlights, humidity, pollution and mechanical damage. Additional special requirements to conditions of storage are not present.

## 8. 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:** Suitable protective clothing

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## 9. Physical and chemical properties

### **Color and odor**

Substance of light yellow to light brown with light specific odor

### **Density**

1050 kg/m<sup>3</sup>(20°C).

### **Solubility in water**

Insoluble

### **Flash point**

Above 200°C.

## 10. Stability

**Chemical stability:** Product is chemically stable

**Conditions to avoid:** Excessive heating

**Materials to avoid:** Acids. Bases

**Hazardous decomposition products:** Carbon dioxide, carbon oxide

## 11. Toxicity

Will cause irritation due to skin/eyes/ingestion contact

## 12. 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.

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Safety-phrases:	24	Avoid contact with skin
	37	Wear suitable gloves

## **16.Additive information**

Product should be transported in polyethylene, polypropylene, plywood, paperboard or stainless steel containers or drums.

**Product has manufactured according GOST 14201-83**

**Guaranty shelf life** – 12 months from date of production

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