

## Material Safety Data Sheet

### 1. Designation

Crude Sulphate Turpentine

### 2. Manufacturer

#### JSC "Segezha Pulp and Paper Mill"

Address: Zavodskaya 1, 186420, Segezha  
Karelia, Russia

### 3. Supplier

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### 4. Hazards identification

When heating the product may emit toxic gas, which causes nasopharynx irritation, cough and obstructed breathing.

### 5. First-aid measures

<b>On-skin contact:</b>	Wash affected skin with soap and plenty of water.
<b>On ingestion:</b>	Rinse mouth with water
<b>On contact with eyes:</b>	Rinse immediately with plenty of water

### 6. Fire and explosion hazard

**Fire-extinguishing means:** Water aerosol or mist spray, foam, dry powder or carbon dioxide.

**Special fire and explosion hazard:** Possible toxic gassing in case of fire.

### 7. Accidental release measures

Collect spilled product as far as possible back into container. Clean contaminated surface with soda solution and/or with water and soap.

### 8. Handling and storage

Keep in a dry, well-ventilated place separately from food. Keep far from a heat source. Avoid direct sun rays. Keep far from open fire. No smoking in a warehouse. No access for children and animals. The warehouse should protect the product from direct sun rays, moisture, contamination and mechanical damage of the packaging. No special additional storage requirements.

## 9. Personal Protection

**Respiratory protection:** Standard respiratory protectors in case of bad ventilation

**Hand protection:** Protective PVC gloves

**Eye protection:** Safety goggles

**Skin protection:** Protective clothing

## 10. Physical and Chemical Properties

	Standard
Appearance	Liquid of light yellow up to yellow colour
Density g/cm <sup>3</sup> at 20 degrees C within the limits	0,855-0,870
Temperature limits of distillation under pressure = 760 mmHg	
a) initial boiling temperature, degrees C, min	50
b) distillate volume fraction up to 170° C, %, min	60
c) flash points C	32
Acid number, mg KOH per 1 g of the product, max	0,5
Mass fraction of evaporation residue, % max	0,6
Mass fraction of water, %	Traces

## 11. Colour and odour

Yellow substance with slight specific odour

### Density

0,88 kg/m<sup>3</sup> (110°C)

### Solubility in water

Insoluble

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## 12. Stability

Stable during 12 months from the date of manufacture

### Storage conditions to avoid:

Overheating

### Materials to avoid:

Acids. Bases. Strong oxidants.

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

## 13. Toxicity

May cause irritation by skin/eye/digestive system contact.

## 14. Environmental impact

Avoid ingress of the substance into drinking sources.

May cause weak toxic effect on fish, aquatic organisms of natural ponds.

**15. Waste (remains) utilization and disposal Utilization** according to local regulations.

## 16. Transport information

### Classification:

U.N.O. number 1993

Packaging group III

## 17. International and national legislation

EU classification	Xi,	Irritant R43 (Xi, Irritant R43)
Composition		Turpentine
Risk-phrases: contact	43	May cause sensitization by skin
Safety-phrases: 37	24	Avoid contact with skin
		Wear suitable gloves

## 18. Additional information

The product must be stored and transported in PE, PP or stainless steel packaging.

**The product is made according to** CTO 51321438-016-2008

**Warranty shelf life:** 6 months from the date of manufacture.

Head of Department  
for Planing and Service of Sales  
JSC « Segezha Pulp & Paper Mill»

Dmitry Koteshov

