**Material Safety Data Sheet**

1. **Designation**

 Crude Sulphate Turpentine

1. **Manufacturer**

**JSC "Segezha Pulp and Paper Mill"**

Address: Zavodskaya 1, 186420, Segezha

Karelia, Russia

1. **Suplier**

**JSC "Segezha Pulp and Paper Mill"**

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Karelia, Russia

1. **Hazards identification**

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

1. **First-aid measures**

On-skin contact: Wash affected skin with soap and plenty of water.

On ingestion: Rinse mouth with water

On contact with eyes: Rinse immediately with plenty of water

1. **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.

1. **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.

1. **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.

1. 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

1. Physical and Chemical Properties

|  |  |
| --- | --- |
|  | Standard |
| Appearance | Liquid of light yellow up to yellow colour |
| Density g/cm3 at 20 degrees С 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 |

1. **Colour and odour**

Yellow substance with slight specific odour

**Density**

0,88 kg/m[[1]](#footnote-1) (110°C)

 Solubility in water Insoluble

1. **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

1. **Toxicity**

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

1. **Environmental impact**

Avoid ingress of the substance into drinking sources.

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

1. **Waste (remains) utilization and disposal Utilization** according to local regulations.
2. Transport information

Classification:

U.N.О. number 1993

Packaging group III

1. **International and national legislation**

EU classification Xi, Irritant R43

 (Xi, Irritant R43) Composition Turpentine

Risk-phrases: 43 May cause sensitization by skin contact

Safety-phrases: 24 Avoid contact with skin

 37 Wear suitable gloves

1. **Additional information**

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

The product is made according to СТО 51321438-016-2008

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

Head of Department

for Planing and Service of Sales Dmitry Koteshov

JSC « Segezha Pulp & Paper Mill»

1. [↑](#footnote-ref-1)