



## Product Specification

### TURPENTINE OIL PURE

PRODUCT CODE	191855
SYNONYMS	Pine oil, Fir oil.
C.I. NO.	--
CASR NO.	(8006-64-2)
ATOMIC OR MOLECULAR FORMULA	C <sub>10</sub> H <sub>16</sub>
ATOMIC OR MOLECULAR WEIGHT	136.23
PROPERTIES	--



PARAMETER	LIMIT
Description	Clear colourless bright liquid.
Solubility	Immiscible with water. Soluble in ethanol
Boiling Point	153-175°C
Wt. per ml (at 20°C)	Abt.0.860 g
Optical Rotation (α) <sup>20</sup> <sub>D</sub>	-40 <sup>0</sup> to +48 <sup>0</sup>
Refractive Index (n) <sup>20</sup> <sub>D</sub>	1.467-1.478

#### MAXIMUM LIMIT OF IMPURITIES

Heavy metal (Pb)	0.0002%
Non volatile matter	1.0%

**Note(s) : Assay (if applicable) method mentioned.**

#### DANGER

**HAZARD STATEMENTS :** Flammable liquid and vapour. May intensify fire, oxidiser. May be harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects..

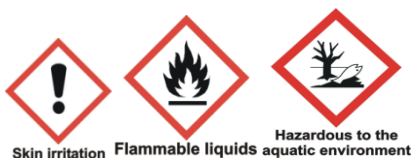
#### PRECAUTIONARY STATEMENTS :

**Prevention :** Keep away from heat/sparks/open flames/hot surfaces - No smoking. Keep/Store away from clothing/---/Combustible materials. Take any precaution to avoid mixing with combustibles. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/---/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/dust/fume/gas/mist/vapours/spray. Wash...thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.

**Response IF SWALLOWED:** Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage. If experiencing respiratory symptoms: Call a POISON CENTER or Doctor/Physician. Collect spillage.

**Disposal :** Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.

#### Hazard Pictogram(s) :



IMDG Code : --  
UN No. : --  
IATA : --