

## Pine Needle Essential Oil - Material Safety Data Sheet

1. Information about the product	Essential oil extracted by steam distillation from Abies sibirica
2. Product Code	06PI
3. Composition	Pine Needle
4. Flavour and Odour	Pine; Fatty
5. Appearance	A colourless to pale yellow liquid
6. Information about the supplier	JustIngredients Ltd, Units 2-3a Tabernacle Road, Wotton-Under-Edge, Gloucestershire GL12 7EF Telephone: 01291 635525 E-mail: technical@justingredients.co.uk
7. Hazard identification	Flammable liquid. Harmful if ingested and enters air ways. Harmful in contact with skin. Harmful in contact with eyes. Harmful to aquatic life with long lasting effects.
8. First aid measure	IF SWALLOWED REPORT TO DOCTOR IMMEDIATELY. Do not induce vomiting. In case of inhalation - Remove from exposure site to fresh air, keep at rest, and obtain medical attention. In case of skin contact – Remove/take off immediately all contaminated clothing. Wash with soap and water. In case of contact with eyes – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
9. Firefighting measures	PRODUCT IS FLAMMABLE LIQUID Normal firefighting precautions. Use of conventional extinguishers i.e. foam, CO2 and Dry chemical powder. Do not use water.
10. Accidental release measures	Provide adequate ventilation and avoid inhalation. Avoid contact with skin and eyes. Keep away from drains, surface and ground water

	Remove ignition sources. Contain spillage immediately by use of sand or inert powder and remove to waste container. Dispose of according to local regulations. Clean area with water.
11. Handling and storage	Keep containers out of direct sunlight, heat, sparks, open flames and hot surfaces. Keep in cool dry conditions at a temperature not exceeding 25°C. Keep tightly closed in the original containers or in plastic or plastic-coated containers. Limit oxygenation (contact with air). Use in areas with good ventilation. Do not eat, drink or smoke when handling this product.
12. Exposure controls/ personal protection	Ensure good ventilation of the work situation. Normal work hygiene practices. Wear Mask and gloves when handling.
13. Stability and reactivity	The product is stable. Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkalis or oxidising agents. Do not expose to direct heat.
14. Toxicological information	Routes of entry – inhalation, ingestion and skin contact. This substance is nontoxic under normal conditions and is not classified in EEC listing.
15. Ecological information	Low degradability. Harmful to aquatic life with long lasting effects.
16. Disposal considerations	Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.
17. Transport information	By road, rail, ship, air in clean and sound condition and full covered or airtight containers to protect from moisture, insects, and rodents. Can cause taint but not classified as dangerous so no hazard label required. Ensure materials are securely stacked. This is an environmentally hazardous substance.
18. Regulatory information	None known
19. Other information	Complies with REACH guidance for SDS as circulated by ECHA 2011.