



SAFETY DATA SHEET PURE TURPENTINE

PRODUCT NAME: PURE TURPENTINE

DATE OF COMPILATION: 16/07/2008

REVISION DATE: 26/09/2013

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: PURE TURPENTINE

CAS Number: 8006-64-2

1.2 Details of the supplier of the safety data sheet: Jackson's Art Supplies
1 Farleigh Place
N16 7SX London
www.jacksonsart.com

Tel: +44 (0)207 254 0077

9-5:30 Mon-Fri

10-6 Saturday

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302+312+332; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Liq. 3: H226;
Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects: Flammable liquid and vapour. Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation.
May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard statements: H226: Flammable liquid and vapour.
H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.

Signal words: Warning

Hazard pictograms: **GHS02:** Flame
GHS07: Exclamation mark
GHS09: Environmental



Precautionary statements:

P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P234: Keep only in original container.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P281: Use personal protective equipment as required.
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+352: IF ON SKIN: Wash with plenty of water/.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.2. Other Hazards

Harmful by inhalation.

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity: TURPENTINE OIL
CAS number: 8006-64-2

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

By inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

By skin contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

By eye contact:

Bathe the eye with running water for 15 minutes. Consult a doctor.

By ingestion:

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

Refer to section 8 of SDS.

SECTION 7: HANDLING AND STORAGE

7.1 Conditions for safe storage, including any incompatibilities

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

7.2 Specific end use(s)

Specific end use(s): No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Workplace exposure limits

Respirable dust

STATE	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	100-150ppm	150ppm	-	-

Hazardous ingredients: TURPENTINE OIL

Workplace exposure limits

Respirable dust

STATE	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	566 mg/m3	850 mg/m3	-	-

DNEL / PNEC: No data available.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Oily

Boiling point/range°C: 156-270

Melting point/range°C: -50/-60

Flash point°C: 35

Autoflammability°C: 253

Vapour pressure: 4.7

Relative density: 0.85-0.87

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under normal conditions.

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid: Heat

Materials to avoid: Strong oxidising agents. Strong acids.

Hazardous decomposition products: In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Hazardous ingredients:

TURPENTINE OIL

IVN	MUS	LD50	1180	µg/kg
ORL	RAT	LD50	5760	mg/kg

Relevant hazardous for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity values: No data available.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

Mobility in soil: Readily absorbed into soil.

PBT identification: This product is not identified as a PBT/vPvB substance.

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

SECTION 13: DISPOSAL

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number: UN1299

14.2. UN proper shipping name: Turpentine

14.3. Transport hazard class(es): 3

14.4. Packing group: III

14.5. Environmental hazards:

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user:

Special precautions: No special precautions

Tunnel code: D/E

Transport category: 3

SECTION 15: REGULATORY INFORMATION

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: ADDITIONAL INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H226: Flammable liquid and vapour.

H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.