



SAFETY DATA SHEET
GENUINE TURPENTINE

Page 1
Issued: 05/11/2003
Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: GENUINE TURPENTINE
CAS number: 8006-64-2
Company name: FLAG Paints Ltd
8 Springfield Road
Springfield Industrial Estate
Burnham on Crouch
Essex
CM0 8UA
United Kingdom
Tel: +44 (0) 1621 785 173
Fax: +44 (0) 1621 785 393
Emergency tel: +44 (0) 1621 785 173

2. HAZARDS IDENTIFICATION

Main hazards: Flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Other hazards: Harmful by inhalation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: TURPENTINE OIL >90%
EINECS: 232-350-7 CAS: 8006-64-2
[-] R10; [Xn] R20/21/22; [Xi] R36/38; [Sens.] R43; [N] R51/53; [Xn] R65

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

SAFETY DATA SHEET
GENUINE TURPENTINE**5. FIRE-FIGHTING MEASURES**

Extinguishing media: Dry chemical powder. Alcohol or polymer foam.

Exposure hazards: Flammable. Harmful.

Protection of fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

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

Clean-up procedures: Contain spillage with sand or earth, sweep up and dispose of in accordance with a recognised method of waste disposal.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Workplace exposure limits**

WEL (8 hr TWA): 100-150ppm

WEL (15 min STEL): 150ppm

Hazardous ingredients: TURPENTINE OIL

WEL (8 hr TWA): 566 mg/m³ WEL (15 min STEL): 850 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Nitrile gloves. Viton gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing.

9. 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

SAFETY DATA SHEET
GENUINE TURPENTINE

Autoflammability°C: 253
Vapour pressure: 4.7
Relative density: 0.85-0.87

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Sources of ignition.
Materials to avoid: Oxidising agents. Acids.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: TURPENTINE OIL
IVN MUS LD50 1180 µg/kg
ORL RAT LD50 5760 mg/kg
Chronic toxicity: May cause sensitisation by skin contact. Danger of cumulative effects through inhalation.
Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Volatile.
Persistence and degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulation potential.
Other adverse effects: Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: The relevant EC directives and local, regional and national regulations must be complied with.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: 1299	ADR Class: 3
Packing group: III	Classification code: F1
Shipping name: TURPENTINE	
Labelling: 3	Hazard ID no: 30



SAFETY DATA SHEET
GENUINE TURPENTINE**IMDG / IMO**

UN no: 1299 **Class:** 3
Packing group: III **EmS:** F-E,S-E
Marine pollutant: YES
Labelling: 3

IATA / ICAO

UN no: 1299 **Class:** 3
Packing group: III
Packing instructions: 309(P&CA); 310(CAO)
Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Harmful.
Dangerous for the environment.



Risk phrases: R10: Flammable.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R36/38: Irritating to eyes and skin.
R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.3: R10: Flammable.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R36/38: Irritating to eyes and skin.
R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.

SAFETY DATA SHEET
GENUINE TURPENTINE

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.

