

MATERIAL SAFETY DATA SHEET



TURPS SUBSTITUTE

Issue: 2. Issue Date: 24/05/2005.

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name. TURPS SUBSTITUTE

Supplier. KINGFISHER BUILDING PRODUCTS Ltd.
COOPER LANE.
BARDSEA BUSINESS PARK
ULVERSTON
CUMBRIA.
LA12 9RA.

Telephone: 01229 869100
Fax: 01229 869101
Emergency: As Above

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Petroleum fraction consisting of paraffinic, naphthenic and aromatic compounds.

Ingredient Name.	CAS.No	Einecs	Content	Health (Class)	Risk (R No.)
Petroleum Distillate	64742- 82 -1	265-185-4	100%	Xn, N.	R10,51/52,65,66,67

This product is not classified as a carcinogen under 67/548/EEC and UK CHIP Regulations.

3. HAZARDS IDENTIFICATION

FIRE: - Flammable. Moderate hazard. **ENVIRONMENT: -** Toxic to aquatic organisms.

HEALTH Harmful.

Inhalation: - May cause gastric irritation. Main risk involves aspiration into the lungs which could cause pneumonitis.

Eye Contact: - Irritant

Skin Contact: - Repeated contact with the skin may cause irritation and possible dermatitis.

Ingestion: - May cause lung damage if swallowed.

4. FIRST AID MEASURES.

Inhalation:- Remove to fresh air. Seek medical attention.

Eye Contact: - Flush eyes with water for at least 10 minutes. seek medical advice if symptoms persist.

Skin Contact: - Remove contaminated clothing. Wash skin with soap and water.

Ingestion:- DO NOT induce vomiting. Seek medical attention.

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5. FIRE FIGHTING MEASURES.

Extinguishing Media:- Use foam, dry powder or CO₂. DO NOT use water.

Protective Measures in Fire:- Take precautionary measures against static discharge during blending and transfer operations

6. ACCIDENTAL RELEASE MEASURES.

Personal Protection during Spill:- Wear protective clothing, impervious gloves and face visor/goggles.
Product spilt on clothing may give rise to delayed evaporation and subsequent fire hazard.
When dealing with spill in confined space the use of breathing apparatus is recommended.

Precautions to Protect Environment:- Prevent soil contamination and entry to water courses and drains.
This product is classified as Toxic to aquatic organisms. It is READILY BIODEGRADABLE

Spillage Clean Up Methods:- Remove all sources of ignition. Contain and absorb with sand or other non combustible material. Report any escape to public drainage or water systems to Local Authority/Water Authority immediately.

7. HANDLING AND STORAGE.

Usage Precautions:- Wear gloves and if splashing may occur eye protection.

Storage Criteria:- Store in well ventilated area away from sources of ignition.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

INGREDIENT.	CAS. No.	STD OEL (8hr.TWA)	LT EXP (8 Hrs)	ST EXP (15 Min)
Petroleum distillate		600 mg/m ³		

Personal Protective Equipment:- Eye protection and protective gloves and clothing is recommended.

Hygienic Work Routines:- Wash hands after using product.

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9. PHYSICAL AND CHEMICAL PROPERTIES.

Appearance: - Liquid.

Colour:- Colourless

Odour: - Typical Petroleum odour.

Aromatic content: - Typically 15% to 20% volume.

Solubility in Water: - Negligible

Density @15°C: - 0.785 g/ml.

Flash Point: - 38° C min.

Flammability Limits: - Upper 8% vol. Lower 0.6% vol.

Boiling Point: - 150 - 200° C

Auto-ignition Temp: - Approx 230°C

Viscosity: - 0.85 cst @ 25°C

Benzene content : - <0.1% wt.

Vapour Pressure: - < 10 mbar @ 37.8°C

Surface Tension: - <25.0mN/m @ 40°C.

10. STABILITY AND REACTIVITY

Stability: Product is stable at normal stocking, handling and usage temperatures.

Materials to Avoid: Oxidising agents, strong acids/alkalis and halogens.

Conditions to avoid: Protect from all sources of heat or ignition. Incomplete combustion will produce toxic gases and generate smoke.

11. TOXICOLOGICAL INFORMATION.

After evaluation of the toxicological data, the product should have the following characteristics.

Acute toxicity: LD50, RAT: 5000 mg/kg (under evaluation)

Skin Contact: Avoid prolonged intimate contact which may lead to localised skin irritation and dermatitis.

12. ECOLOGICAL INFORMATION.

Environmental Hazards.

Mobility; In water the product is insoluble and will spread over the surface, possibly affecting oxygen transfer. Likely to evaporate readily. In soil the product has only slight mobility and will partially evaporate.

Biodegradability: Readily biodegradable (OECD 301F)

Bioaccumulation: May bio accumulate .

13. DISPOSAL CONSIDERATIONS

Disposal Methods: By incineration or use as landfill at a suitable tip approved by local authority. It is an offence to discharge into public drains.

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14. TRANSPORT INFORMATION

Label for Conveyance. " Flammable Liquid" Diamond Turpentine Substitute.

CAS No. 64742-82-1
UN No. 1300
I.M.C.O. 3.3
I.A.T.A. 3
ICAO/ IATA. 3.3

Classification Code. F1
Marine Pollutant. Yes. .
A.D.R. 3.31⁰ (C)
Emergency Action code. 3Y
Packaging Number. III

15. REGULATORY INFORMATION

Label for Supply:



Harmful Xn



Dangerous for the Environment N.

Risk Phrases :

R10. Flammable
R51/53. Toxic to aquatic organisms.
R65. Harmful. may cause lung damage if swallowed.
R66. Repeated exposure may cause skin dryness and cracking.
R67 Vapours may cause drowsiness or dizziness.

Safety Phrases :

(S2) Keep out of reach of children.
S23 Do not breathe vapour.
S24 Avoid skin contact.
S43 In case of fire use foam/dry powder/CO₂. DO NOT use water.
S61 Avoid release to the environment.
S62 If swallowed do not induce vomiting: seek medical advice immediately and show label or container.

16. OTHER INFORMATION

User Notes : See Health and Safety Guide No 103. White Spirit.

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