



SAFETY DATA SHEET

Stone Oil

LTP/26

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

PRODUCT NAME Stone Oil

PRODUCT NO LTP/26

SUPPLIER: Lionheart Terracotta Products
Tone Industrial Estate
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Wellington
Somerset
TA21 0AN
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2. HAZARDS IDENTIFICATION

Flammable.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Repeated exposure may cause skin dryness or cracking.

Harmful: may cause lung damage if swallowed.

CLASSIFICATION Xn;R65. N;R51/53. R10, R66.

PHYSICAL AND CHEMICAL HAZARDS

Rags, paper, sawdust or other combustible materials impregnated with this product may spontaneously ignite.

After use any rags or cloths should ideally be burned. If this is not possible they should be washed in warm soapy water.

Even after washing they should never be crumpled into a ball but spread out and disposed of.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
White Spirit : (naphtha (petroleum hydrosulphurised heavy (<0.1% benzene)	265-185-4	64742-82-1	30-60%	Xn;R65. N;R51/53. R10,R66

The Full Text for all R-Phrases are Displayed in Section 16

4. FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of contamination. Provide fresh air, first-aid, warmth and rest.

Do not give victim anything to drink if they are unconscious.

INHALATION

Get medical attention. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

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SKIN CONTACT

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and running water. Take especial care to clean folds, crevices, creases and groin.

Get medical attention if irritation persists or develops.

Laundry clothing and clean shoes thoroughly before re-use.

EYE CONTACT

Check for contact lenses which must be removed from the eyes before rinsing.

Promptly rinse eyes with plenty of clean water while lifting the eyelids.

Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.

Get medical attention if any discomfort or irritation persists.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials. Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

UNUSUAL FIRE & EXPLOSION HAZARDS

Rags, paper, sawdust or other combustible materials impregnated with this product may spontaneously ignite in contact with air or oxidising materials.

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing (see Section 8). Keep unnecessary people at a safe distance. In case of spills, beware of slippery floors and surfaces. Combustible materials impregnated with this product which are allowed to dry out may spontaneously ignite. Contaminated clothing should be kept moist and laundered before re-use.

ENVIRONMENTAL PRECAUTIONS

Cover all drains and sewers. Avoid spreading spilt material.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid prolonged or repeated contact, use suitable protective goggles, gloves and clothing. (see section 8).

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT – ppm	LT - mg/m3	ST - ppm	ST - mg/m3
White Spirit : (naphtha (petroleum) hydrodesulphurised heavy (<0.1% benzene)	WEL		1000 mg/m3		

STD

WEL = Workplace Exposure Limits

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient suitable respiratory protection must be provided.

Seek recommendations and advice from equipment manufacturer or supplier.

HAND PROTECTION

Wear suitable protective gloves. Seek recommendations from manufacturer or supplier. After using gloves the hands should be washed and dried thoroughly and a suitable moisturiser applied. Suitable gloves may include - Nitrile. Viton rubber (fluor rubber).

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EYE PROTECTION

Use eye protection.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Straw coloured liquid		
ODOUR	Solvent.		
SOLUBILITY	Insoluble in water Practically insoluble in water.		
RELATIVE DENSITY	0.85 - 0.88	FLASH POINT (°C)	>61 CC (Closed cup).
AUTO IGNITION	>240	FLAMMABILITY LIMIT -	0.8
TEMPERATURE (°C)		LOWER(%)	
FLAMMABILITY LIMIT -	6		
UPPER(%)			

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use. See section 7.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

POLYMERISATION DESCRIPTION

May polymerise at room temperature when in contact with air or other oxidisers, leading to evolution of heat and subsequent spontaneous ignition of combustible materials. (See section 2)

MATERIALS TO AVOID

Strong oxidising agents, acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS

Decomposition can lead to the formation of toxic gases or fumes, including carbon monoxide (CO) and carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

No data is available for this preparation, which is classified according to the calculation method of EC Directive 88/379/EEC.

INHALATION

Prolonged inhalation of high concentrations may damage respiratory system.

INGESTION

Harmful: may cause lung damage if swallowed. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYE CONTACT

May cause severe irritation to eyes.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Avoid release to the environment. Prevent contamination of soil, drains or surface water, use appropriate containment to avoid environmental contamination.

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13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Product is hazardous waste. Do not allow into drains, sewers or water courses.
Disposal must be by means of a licensed waste contractor.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION



UK ROAD CLASS	3	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	TURPENTINE SUBSTITUTE	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1300	HAZARD No. (ADR)	30
ADR CLASS NO.	3	HAZCHEM CODE	3Y
ADR PACK GROUP	III	RID CLASS NO.	3
ADR LABEL NO.	3	UN NO. SEA	1300
CEFIC TEC(R) NO.	30GF1-III	IMDG PACK GR.	III
RID PACK GROUP	III	MARINE POLLUTANT	No.
IMDG CLASS	3	AIR CLASS	3
EMS	F-E, S-E		
UN NO. AIR	1300		
AIR PACK GR.	III		

15. REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the Environment

CONTAINS

White Spirit : (naphtha (petroleum), hydrodesulphurised heavy (<0.1% benzene))

RISK PHRASES

R10	Flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.
R65	Harmful: may cause lung damage if swallowed.

SAFETY PHRASES

S2	Keep out of the reach of children
S13	Keep away from food, drink and animal feeding stuffs.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

EU DIRECTIVES

EC Regulation 1907/2006 (as amended) : 'REACH'.

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

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STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 No. 1689. (CHIP3)
Control of Substances Hazardous to Health Regulations (as amended). (COSHH)
Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2007)
Management of Health & Safety at Work Regulations 1999.

APPROVED CODE OF PRACTICE

Control of substances hazardous to health - Approved Code of Practice and Guidance L5 (2005) HSE Books.

GUIDANCE NOTES

Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
The storage of flammable liquids in containers HSG51 (HSE 1998).

16. OTHER INFORMATION

RISK PHRASES IN FULL

R10	Flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.
March 09