



SAFETY DATA SHEET

Spot Stain Remover

LTP/17

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

Product Name: **SPOT STAIN REMOVER**

Details of company: Lionheart Terracotta Products
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Somerset
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3; see section 16

Hazardous substances present on their own.

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

INDEX	CAS	EC	NAME	SYMB	R:	%
64742.48.9	64742-48-9	265-150-3	NAPHTA LOURD (PETROLE),HYDROTRAITE	Xn	10 65 66	50<=x% < 100
SMO2519	68439-50-9	POLYMERE	ALCOOL GRAS ETHOXYLE 2-5 OE	Xi N	41 50	2.5<=x%<10

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

INDEX	CAS	EC	Name	Symb	R:	%
605-017-00-2	646-06-0	211-463-5	DIOXOLANE 1,3-	F	11	25<=x%<50

3. HAZARDS IDENTIFICATION

This product is classed: Highly flammable liquid.
Possibility of irritation to the eyes.
Repeated exposure may cause skin dryness or cracking.

4. FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation;

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm & still.

In the event of splashes or contact with eyes;

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

Regardless of the initial state, refer the patient to an ophthalmologist and show the label.

In the event of splashes or contact with skin;

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

DO NOT use solvents or thinners.

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In the event of swallowing;

In the event of swallowing, if the quantity is small (no more than one mouthful) rinse the mouth with water and consult a doctor.
Call a doctor immediately and show him the label.

5. FIRE FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

Suitable extinguishing media;

Carbon dioxide, chemical powders, foams, and other extinguishing gases.

Extinguishing media which must not be used for safety reasons;

Water is not generally recommended since it can be ineffective; however, it can be used successfully to cool containers exposed to the fire and to disperse fumes.
Sometimes, and due to the presence of organic material, a fire may produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.
Prevent the effluent of fire-fighting measures from entering drains or waterways.

Special equipment for fire-fighters:

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

On account of the organic solvents contained in the preparation eliminate sources of ignition and ventilate the premises.
Avoid inhaling the vapors.
Avoid any contact with the skin and eyes.
Consult the safety measures listed under headings 7 & 8

Environmental Precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways
Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).
If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

Methods for cleaning up

Clean preferably with a detergent. Do not use solvents

7. HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Handle in well-ventilated areas.
The vapours are denser than air. They can spread along the ground and form explosive mixtures with air.
Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits.

Fire prevention:

Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment.
Keep packages tightly closed and away from sources of heat, sparks and naked flames.
Do not use tools which may produce sparks. Do not smoke.
Prevent access by unauthorised personnel.

Recommended equipment and procedures

For personal safety, see section 8.
Observe precautions stated on label and also industrial safety regulations
Packages which have been opened must be reclosed carefully and stored in an upright position.
Avoid inhaling vapors.
Avoid contact of product with the eyes.

Prohibited equipment and procedures

Smoking, eating and drinking are prohibited in premises where the preparation is used.
Never open the packages under pressure.

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Storage

Keep the container tightly closed in a dry, well-ventilated place.
 Keep away from all sources of ignition – do not smoke.
 Keep well away from all sources of ignition, heat and direct sunlight.
 The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION



Use personal protection equipment as per Directive 89/686/EEC

Technical measures.

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction. If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus.

Exposure limit values (2003-2006):

Germany/AGW	AGW:	AGW:	Faktor:	Bermerkungen:	
646-06-0	100ml/m3	310 mg/m3	2(II)	DFG,H,Y	
ACGIH/TLV	TWA:	STEL:	Ceiling	Definition	Criterion
646-06-0	20 ppm	-	-	-	-

Respiratory protection:

Anti-gas filters:
 - A1,A2,A3 (Brown)
 Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

Hand protection:

Type of gloves recommended:
 - Nitrile.
 Protective creams may be used for exposed skin, but they should not be applied after contact with the product.
 In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Eye and face protection:

Avoid contact with eyes
 Wear Safety goggles
 Provide eye washes in workshops where the product is constantly handled.

Skin protection

For further information see section 11 of S.D.S. - Toxicological information.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid.

Important health, safety and environmental information:

pH of the substance or preparation: not relevant.
 The pH is impossible to measure or its value is not relevant.
 Boiling point/boiling range: not relevant.
 Flash Point interval: Flash point <=21°C
 Vapour pressure: not relevant.
 Density: <1
 Water solubility: Soluble.

Other information:

Melting point/melting range: not relevant.
 Self-ignition temperature: not relevant.
 Decomposition point/decomposition range: not relevant.

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10. STABILITY AND REACTIVITY

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide.
Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc) must not be allowed on the premises.

11. TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.
Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as:
Irritation of mucous membrane and respiratory systems, kidneys, liver and central nervous system.
Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness. Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.
Splashes in the eyes may cause irritation and reversible damage.
It is generally agreed that substances contained are likely to cause, when applied to the eye of an animal, the appearance of major lesions which persist for at least twenty-four hours.

12. ECOLOGICAL INFORMATION

No ecological data on the product itself is available.
The product must not be allowed to run into drains or waterways.

13. DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.
Waste
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
Soiled packaging:
Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor

14. TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport(ADR 2009-IMDG 2008-ICAO/IATA 2009)
Classification:



UN 1993=FLAMMABLE LIQUID, N.O.S. (DIOXOLANE 1,3-)

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat	Tunnel
	3	F1	II	3	33	LQ4	274 601 640	E2	2	D/E

IMDG	Class	2°Label	Pack gr	LQ	EMS	Provis.	EQ			
	3	-	II	1L	F-E, S-E	274	E2			

IATA	Class	2°Label	Pack gr	Passager	Passager	Cargo	Cargo	Note	EQ	
	3	-	II	305	5 L	307	60 L	A3	-	
	3	-	II	Y305	1 L	-	-	A3	-	

15. REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations.
In addition directive 2008/58/EC with the 30° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.
In addition directive 2009/2/EC with the 31° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.
In addition Regulation (EC) No 1272/2008 have been taken into account.

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Preparation classification.



Harmful

Highly Flammable

Contains:

265-150-3

NAPHTA HEAVY PETROLEUM, HYDROTRAITE

Particular hazards associated with the preparation and safety recommendations:

- R36 Irritating to eyes.
R11 Highly flammable.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
S2 Keep out of reach of children.
S46 If swallowed, seek medical advice immediately and show this container or label.
- S23 Do not breathe vapour.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well ventilated areas.

Particular provisions:

- Child-resistant fastenings (Annex IV A2-1999/45/EC)
Tactile warning of danger.

16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

Full text of risk phrases appearing in section 2:

- R10 Flammable.
R11 Highly flammable.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.
R65 Harmful. may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking

Labelling for contents (REGULATION (EC) No 648/2004-907-2006):

- allergenic fragrances: linalool

This data sheet is compiled to be of assistance but is without guarantee. Users are responsible for safe working.
March 09
