



# 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  
Tone Industrial Estate  
Milverton Road  
Wellington  
Somerset  
TA21 0AN

Telephone: 01823 666 213  
Fax: 01823 665 685  
Email: [info@ltp-online.co.uk](mailto:info@ltp-online.co.uk)

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

##### 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),     | 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 |

##### May produce an allergic reaction:

| INDEX    | CAS     | EC        | Name    | Symb | R: | %        |
|----------|---------|-----------|---------|------|----|----------|
| SPARL 15 | 78-70-6 | 201-134-4 | LINALOL | Xi   | 43 | 0<x%<2.5 |

#### 3. HAZARDS IDENTIFICATION

This product is classed: Highly flammable liquid.

Possibility of irritation to the eyes and skin.

This preparation presents an aspiration hazard because of their low viscosity associated with a petroleum by-product.

May produce an allergic reaction.

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 them warm & still.

##### In the event of splashes or contact with eyes;

Remove contact lenses.

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.

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**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.

**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 agents not to 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-fighting personnel**

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

### 6. ACCIDENTAL RELEASE MEASURES

**Safety precautions:**

Eliminate any possible source of ignition and ventilate the premises.

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 Safety 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 vapors are denser than air. They can spread along 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.

Never suck up this product.

**Fire prevention:**

Prevent the accumulation of electrostatic charges with connections to earth.

The preparation may become electrostatically charged; always place on the ground during transfer. Wear antistatic shoes and clothes and make floors of conductive materials.

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

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### 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 re closed carefully and stored in an upright position.

Avoid inhaling vapors.

Avoid contact of product with the skin and eyes.

### Prohibited equipment and procedures

Smoking, eating and drinking are prohibited in premises where the preparation is used.

Never open the packages under pressure

### 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.

Personnel shall wear regularly laundered overalls. 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 exposure limits, wear breathing apparatus.

### Exposure limit values (2003-2006)

| Germany/AGW | AGW:     | AGW:      | Faktor: | Bermerkungen: |  |           |
|-------------|----------|-----------|---------|---------------|--|-----------|
| W           |          |           |         |               |  |           |
| 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:

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

### Hand protection.

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

Due to the solvents present, it is recommended that neoprene rubber gloves be worn.

### 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

|            |              |
|------------|--------------|
| Appearance | Clear liquid |
| Odour      | Fruit        |

### Important health, safety and environmental information:

|   |              |
|---|--------------|
| Acid/base character of preparation:                   | not relevant |
| Ph of the substance or preparation:                   | not relevant |
| Is impossible to measure or its value is not relevant |              |
| Boiling point/boiling range                           | not relevant |
| Solubility of preparation in water                    | Soluble      |
| Vapor pressure:                                       | not relevant |
| Flash Point   | <=21°C.      |
| Relative density                                      | <1           |

### 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 systems.  
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 discharge into drains or watercourses

#### 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 2005-IMDG 2004-ICAO/IATA 2005)

UN 1993=FLAMMABLE LIQUID, N.O.S.

| ADR/RID | Class | Code                 | Pack gr. | Label    | Ident.   | LQ      | Provis.  |      |
|---------|-------|----------------------|----------|----------|----------|---------|----------|------|
|         | 3     | F1                   | II       | 3        | 33       | LQ4     | 274-640X |      |
| IMDG    | Class | 2 <sup>o</sup> Label | Pack gr  | LQ       | EMS      | Provis. |          |      |
|         | 3     | -                    | II       | 1L       | F-E, S-E | 274 944 |          |      |
| IATA    | Class | 2 <sup>o</sup> Label | Pack gr  | Passager | Passager | Cargo   | Cargo    | Note |
|         | 3     | -                    | II       | 305      | 5 L      | 307     | 60 L     | A3   |
|         | 3     | -                    | II       | Y305     | 1 L      | -       | -        | -    |

### 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 2004/73/EC with the 29<sup>o</sup>adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

#### Preparation classification.

**Harmful**



**Highly Flammable**



#### Contains:

64742\_48\_9

Contains SPARL15

NAPHTA LOURD (PETROLE)< HYDROTRAITE

LINALOL. May produce and allergic reaction

Orange Odour

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### Particular hazards associated with the preparation and safety recommendations:

|        |  |
|--------|--|
| R36/38 | Irritating to eyes and skin  |
| R11    | Highly flammable   |
| R65    | Harmful. May cause lung damage if swallowed  |
| R66    | Repeated exposure may cause skin dryness or cracking.  |
| R67    | Vapours may cause drowsiness and dizziness   |
| S2     | Keep out of reach of children  |
| S46    | If swallowed, seek medical advice immediately and show this container or label.              |
| S16    | Keep away from sources of ignition – no smoking  |
| S23    | Do not inhale vapours  |
| 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 |
| S37    | Wear suitable gloves   |
| S51    | Use only in well ventilated areas  |

### Particular provisions:

Child-resistant fastenings (Annex IV A2-1999/45/EEC)  
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                                     |
| R36 | Irritating to eyes                                   |
| R38 | Irritating to skin                                   |
| 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 |
| R67 | Vapours may cause drowsiness and dizziness           |

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

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