



SAFETY DATA SHEET

Spot Stain Remover

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

Product Name:	SPOT STAIN REMOVER
Details of company:	LTP Tone Industrial Estate Milverton Road Wellington Somerset TA21 0AN
Telephone:	01823 666 213
Fax:	01823 665 685
Email:	info@ltp-online.co.uk
EMERGENCY TELEPHONE	01823 666213 (OFFICE HOURS MON-FRI 8.30-5.30)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Highly flammable.

Repeated exposure may cause skin dryness or cracking.

Possibility of irritation to the eyes.

Vapors may cause drowsiness and dizziness.

This mixture is an aspiration hazard due to its low viscosity.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Hazard symbols:



Harmful



Highly flammable

Contains:

EC 919-857-5 HYDROCARBURES, C9-C11, N-ALCANES, ISOALCANES, CYCLIQUES, < 2% AROMATIQUES

Risk phrase:

R 36 Irritating to eyes.

R 11 Highly flammable.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.

Safety phrase:

S 2 Keep out of the reach of children.

S 46 If swallowed, seek medical advice immediately and show this container or label.

Utiliser et conserver à l'écart de toute flamme ou source d'ignition et d'étincelles, source de chaleur, appareil électrique en fonctionnement. Ne pas fumer.

Utiliser et conserver à l'écart des appareils électriques en fonctionnement.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 51 Use only in well-ventilated areas.

S 24/25 Avoid contact with skin and eyes.

S 23 Do not breathe vapour.

2.3. Other hazards

No data available.

Spot Stain Remover

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

3.2. Mixtures

Composition :

Identification	Name	Classification	%
INDEX: 919_857_5 CAS: 64742-48-9 EC: 919-857-5 REACH: 01-2119463258-33	NAPHTHA (PETROLEUM) hydrotreated heavy HYDROCARBONS, C9-C11, N-ALKANES ISOALKANES, CYCLIICS, < 2% AROMATIQUES	GHS07, GHS08, GHS02, Dgr Xn H:226-304-336 EUH:066 R: 10-65-66-67 NOTA: H	50 <= x % < 100
INDEX: 605-017-00-2 CAS: 646-06-0 EC: 211-463-5	DIOXOLANE 1,3-	GHS02, Dgr F H:225 R: 11	25 <= x % < 50
INDEX: SMO2519 CAS: 68439-50-9 EC: POLYMERE	ALCOOL GRAS ETHOXYLE 2-5 OE	GHS05, GHS09, Dgr Xi,N H:318-400 R: 41-50	2.5 <= x % < 10

4. FIRST AID MEASURES

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

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation:

In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest.

In the event of splashes or contact with eyes:

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

If there is any redness, pain or visual impairment, consult an ophthalmologist.

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.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

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.

Seek medical attention immediately, showing the label.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

5. FIRE FIGHTING MEASURES

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

5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable methods of extinction

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Do not use compressed air during filling, emptying or handling.

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)

- carbon dioxide (CO₂)

5.3. Advice for firefighters

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

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non fire-fighters

Avoid inhaling the vapors.

Avoid any contact with the skin and eyes.

Spot Stain Remover

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

For fire-fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. 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.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

7. HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Fire prevention:

Handle in well-ventilated areas.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Never inhale this mixture.

Prevent the accumulation of electrostatic charges with connections to earth

The mixture can become electrostatically charged: always earth during decanting operations. Wear antistatic shoes and clothing and floors

should be electrically conductive.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

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 protection, see section 8.

Observe precautions stated on label and also industrial safety regulations

Avoid inhaling vapors.

Avoid inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.

Provide vapor extraction at the emission source and also general ventilation of the premises

Avoid skin and eye contact with this mixture.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children

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

Avoid accumulation of electrostatic charges.

Packaging

Always keep in packaging made of an identical material to the original

7.3. Specific end use(s)

No data available.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
646-06-0	20 ppm	-	-	-	-

- Germany - AGW (BAuA - TRGS 900, 21/06/2010):

CAS	VME:	VME:	Excess	Notes
646-06-0	100 ml/m3	310 mg/m3	2(II)	DFG, H, Y

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):

Spot Stain Remover



Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be

handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

Recommended properties:

- Impervious gloves in accordance with standard EN374

- Body protection

Avoid skin contact.

Wear suitable protective clothing

Suitable type of protective clothing:

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

Avoid breathing vapours

If the ventilation is insufficient, wear appropriate breathing apparatus.

When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387:

- A1 (Brown)
- AX (Brown)

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic 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: > 35°C

Flash point interval: not relevant.

Flash point interval: Flash point < 21°C

Vapour pressure: not relevant.

Density: < 1

Water solubility: Insoluble.

Viscosity: $\nu < 7 \text{ mm}^2/\text{s}$ (40°C)

Melting point/melting range: not relevant.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range : not relevant.

9.2. Other information

No data available.

Spot Stain Remover

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

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.

Avoid:

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces
- frost

10.5. Incompatible materials

10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days. Narcotic effects may occur, such as drowsiness, narcosis, decreased alertness, loss of reflexes, lack of coordination or dizziness.

Effects may also occur in the form of violent headaches or nausea, judgement disorder, giddiness, irritability, fatigue or memory disturbance.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

Acute toxicity:

CAS:

HYDROCARBURES, C9-C11, N-ALCANES, ISOALCANES, CYCLIQUES, < 2% AROMATIQUES

Oral route: DL50 > 5000 mg/kg

Species: Rat (recommended by the CLP)

Dermal route: DL50 > 5000 mg/kg

Species: Rabbit (recommended by the CLP)

Inhalation route : CL50 > 4951 mg/m³

Species: Rat (recommended by the CLP)

Mixture

No toxicological data available for the mixture.

Aspiration hazard:

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Substances

Substances classified as category 1 chronic toxicity :

CAS:

HYDROCARBURES, C9-C11, N-ALCANES, ISOALCANES, CYCLIQUES, < 2% AROMATIQUES

Fish toxicity:

Duration of exposure: 96 h

CL50 > 1000 mg/l

Crustacean toxicity:

Duration of exposure: 48 h

CE50 = 1200 mg/l

Species: Daphnia magna

Algae toxicity:

Duration of exposure: 72 h

CEr50 = 1000 mg/l

Species: Pseudokirchnerella subcapitata

Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

Spot Stain Remover

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

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	1L	274 601 640C	E2	2	D/E

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

IATA	Class	2 ^o Label	Pack gr	Passager	Passager	Cargo	Cargo	Note	EQ	
	3	-	II	353	5 L	364	60 L	A3	EQ	
	3	-	II	Y341	1 L	-	-	A3	EQ	

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Packaging to be fitted with child-resistant fastenings (see EC Regulation No. 1272/2008, Annex II, Part 3).
Containers to be fitted with a tactile warning of danger (see EC Regulation No. 1272/2008, Annex II, Part 3).

- Particular provisions:

No data available.

Labelling for detergents (EC Regulation No. 648/2004, 907/2006):

- 5 % or over but less than 15 % : nonionic surfactants

- 30 % and more : aliphatic hydrocarbons

- perfumes

- allergenic fragrances :

linalool

15.2. Chemical safety assessment

No data available.

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 mixture must not be used for other uses than those specified in section 1 without having first obtained 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 in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a

guarantee of the properties thereof.

Title for H, EUH and R indications mentioned in section 3:

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

Spot Stain Remover

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

EUH066 Repeated exposure may cause skin dryness or cracking.

- Made under licence of European Label System® MSDS software from InfoDyne - <http://www.infodyne.fr> -

R 10 Flammable.

R 11 Highly flammable.

R 41 Risk of serious damage to eyes.

R 50 Very toxic to aquatic organisms.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.

Abbreviations:

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefahrdungsklasse (Water Hazard Class).