



Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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TEROSON FL NZZ000811

sds no. : 76578
V003.0

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1. Identification of the substance/preparation and of the company/undertaking

Trade name:

TEROSON FL NZZ000811

Intended use:

Surface pretreatment

Company name:

Henkel Limited
Technologies House
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (0)1442 278000

Fax-no.: +44 (0)1442 278071

E-mail address of person responsible for Safety Data Sheet:

ua-productsafety.uk@uk.henkel.com

Emergency information:

24 Hours Emergency Tel: +44 (0)20 8312 0291

2. Hazards identification

The product is classified as hazardous within the meaning of the valid (EU) preparation directive.

Xn - Harmful

F - Highly flammable

N - Dangerous for the environment

R38 Irritating to skin.

R11 Highly 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.

R67 Vapours may cause drowsiness and dizziness.

The solvent vapors are heavier than air and may collect in high concentrations at floor level.

3. Composition / information on ingredients

Base substances of preparation:

Hydrocarbon mixture, low aromatics

Declaration of ingredients according to (EC) No 1907/2006:

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Hydrocarbon aliphatic C4-11 <0,1% benzene 64742-49-0	265-151-9	80 - 100 %	F - Highly flammable; R11 Xi - Irritant; R38 Xn - Harmful; R65 R67 N - Dangerous for the environment; R51/53
n-Hexane 110-54-3	203-777-6	< 5 %	F - Highly flammable; R11 Xi - Irritant; R38 Toxic for reproduction - category 3.; R62 N - Dangerous for the environment; R51, R53 R67 Xn - Harmful; R65, R48/20

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

4. First aid measures

Inhalation:

Fresh air, oxygen supply, warmth; seek specialist medical attention.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

5. Fire fighting measures

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

Water jet (solvent-containing product).

Special protection equipment for firefighters:

Wear protective equipment.
Wear self-contained breathing apparatus.

Hazardous combustion products:

carbon oxides.

6. Accidental release measures

Personal precautions:

Wear protective equipment.
Avoid contact with skin and eyes.
Danger of slipping on spilled product.
Keep unprotected persons away.
See advice in chapter 8

Environmental precautions:

Do not empty into drains / surface water / ground water.
Inform authorities in the event of product spillage to water courses or sewage systems.

Clean-up methods:

Remove with liquid-absorbing material (sand, peat, sawdust).
Dispose of contaminated material as waste according to item 13.

7. Handling and storage**Handling:**

- Keep container tightly sealed.
- Avoid skin and eye contact.
- Avoid open flames and sources of ignition.
- Take measures to prevent the build-up of electrostatic charges.
- Use explosion-proof equipment.

Storage:

- Ensure good ventilation/extraction.
- Keep away from heat and direct sunlight.
- Do not store near sources of heat or ignition, or reactive materials.
- < + 25 °C

8. Exposure controls / personal protection**Components with specific control parameters for workplace:**

Valid for

Great Britain

Basis

UK EH40 WELs

Ingredient	ppm	mg/m3	Type	Category	Remarks
N-HEXANE 110-54-3	20	72	Time Weighted Average (TWA).		EH40 WEL

Engineering controls:

- Ensure good ventilation/extraction.

Respiratory protection:

- Suitable breathing mask when there is inadequate ventilation.
- Filter A1-A3 (brown)

Hand protection:

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374); Isobutylene-isoprene rubber (IIR; ≥ 0.7 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374); Isobutylene-isoprene rubber (IIR; ≥ 0.7 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

- Wear tight fitting goggles.

Skin protection:

- Wear protective equipment.
- Protective clothing that covers arms and legs.

General protection and hygiene measures:

- Do not eat, drink or smoke while working.
- Wash hands before work breaks and after finishing work.
- Use only personal protection that's CE-labelled according to the regulation no. 819 of 19 August 1994.

9. Physical and chemical properties

General characteristics:

Appearance liquid
thin, Liquid
colourless
Odor: of petrol

Phys./chem. properties:

Boiling point 85 °C (185 °F)
(1.013 hPa)
Flash point -15,5 °C (4.1 °F)
Vapor pressure 85 hPa
(20 °C (68 °F))
Density 0,705 g/cm3
(20 °C (68 °F))
Flow cup viscosity 9 s
(23 °C (73.4 °F); ; Nozzle: 4 mm)
Solubility (qualitative) Insoluble
(20 °C (68 °F); Solvent: Water)
Ignition temperature 250 °C (482 °F)
VOC content 100 %
(VOCV 814.018 VOC regulation CH)

10. Stability and reactivity

Conditions to avoid:

Heat, flames, sparks and other sources of ignition.

Materials to avoid:

Reacts with strong oxidants.
Reaction with strong acids.

Hazardous decomposition products:

No decomposition if used according to specifications.

11. Toxicological information

General toxicological information:

The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

Health hazard: may damage lungs if swallowed.

Vapors may cause drowsiness and dizziness.

Skin irritation:

Irritating to the skin.

Prolonged or repeated skin contact can lead to skin degreasing and hence to skin irritation.

12. Ecological information

Ecotoxicity:

Hazardous components CAS-No.	Species	Exposure time	Value type	Value
Hydrocarbon aliphatic C4-11 < 0,1% benzene 64742-49-0	Ide, silver or golden orfe (Leuciscus idus)	48 h	LC 50	> 1 - 10 mg/l
n-Hexane 110-54-3	Ide, silver or golden orfe (Leuciscus idus)	48 h	LC 50	> 1,0 - 10 mg/l

General ecological information:

Do not empty into drains, soil or bodies of water.
Toxic to aquatic organisms
May cause long-term adverse effects in the aquatic environment.

13. Disposal considerations**Product disposal:**

The valid EEC waste code numbers are not product-related but are largely source-related. These can be requested from the manufacturer.

In consultation with the responsible local authority, must be subjected to special treatment.

14. Transport information**Road transport ADR:**

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	33
UN no.:	1268
Label:	3
Technical name:	PETROLEUM DISTILLATES, N.O.S. (Benzine)
Tunnelcode:	(D/E)
Additional information:	Special provision 640D
Additional substance property:	Environmentally Hazardous

Railroad transport RID:

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	33
UN no.:	1268
Label:	3
Technical name:	PETROLEUM DISTILLATES, N.O.S. (Benzine)
Tunnelcode:	
Additional information:	Special provision 640D
Additional substance property:	Environmentally Hazardous

Inland water transport ADN:

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	
UN no.:	1268
Label:	3
Technical name:	PETROLEUM DISTILLATES, N.O.S. (Benzine)
Additional information:	Special provision 640D
Additional substance property:	Environmentally Hazardous

Marine transport IMDG:

Class:	3
Packaging group:	II
UN no.:	1268
Label:	3
EmS:	F-E ,S-E
Seawater pollutant:	Marine pollutant
Proper shipping name:	PETROLEUM DISTILLATES, N.O.S. (Benzine)

Air transport IATA:

Class:	3
Packaging group:	II
Packaging instructions (passenger)	305
Packaging instructions (cargo)	307
UN no.:	1268
Label:	3
Proper shipping name:	Petroleum distillates, n.o.s. (Benzine)

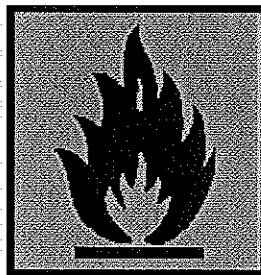
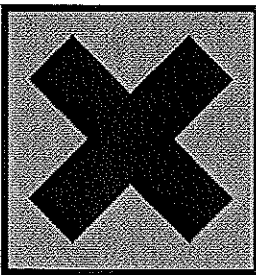
15. Regulations - classification and identification

Indication of danger:

Xn - Harmful

F - Highly flammable

N - Dangerous for the environment



Contains

Hydrocarbon aliphatic C4-11 < 0,1% benzene

Risk phrases:

- R38 Irritating to skin.
- R11 Highly 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.
- R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

- S2 Keep out of the reach of children.
- S16 Keep away from sources of ignition - No smoking.
- S24 Avoid contact with skin.
- S37 Wear suitable gloves.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S51 Use only in well-ventilated areas.
- S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

VOC Paints and Varnishes (EU):

Regulatory Basis:	Directive 2004/42/EC
Product (sub)category:	Preparatory and cleaning products
Phase I (from 1.1.2007):	850,00 g/l
max. VOC content:	705,00 g/l

16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

- R11 Highly flammable.
- R38 Irritating to skin.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R51 Toxic to aquatic organisms.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R53 May cause long-term adverse effects in the aquatic environment.
- R62 Possible risk of impaired fertility.
- R65 Harmful: may cause lung damage if swallowed.
- R67 Vapours may cause drowsiness and dizziness.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

