



Safety Data Sheet according to (EC) No 1907/2006

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LOCTIE 7239

sds no. : 177571
V003.1

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier:

LOCTIE 7239

Relevant identified uses of the substance or mixture and uses advised against:

Intended use:
Primer

Details of the supplier of the safety data sheet:

Henkel Limited
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Great Britain

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24 Hours Emergency Tel: +44 (0)1442 278497

SECTION 2: Hazards identification

Classification of the substance or mixture:

Classification (DPD):

F - Highly flammable
R11 Highly flammable.
Xn - Harmful
R65 Harmful: may cause lung damage if swallowed.
Xi - Irritant
R38 Irritating to skin.
N - Dangerous for the environment
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Label elements (DPD):

F - Highly flammable

Xn - Harmful

N - Dangerous for the environment

**Risk phrases:**

R11 Highly flammable.

R38 Irritating to skin.

R50/53 Very 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:

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe vapour.

S28 After contact with skin, wash immediately with plenty of water.

S28 After contact with skin, wash immediately with plenty of water and soap.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Additional labeling:

For consumer use only: S2 Keep out of the reach of children

S46 If swallowed, seek medical advice immediately and show this container or label.

Contains:

n-Heptane

Other hazards:

None if used properly.

SECTION 3: Composition/information on ingredients**General chemical description:**

Primer

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
n-Heptane 142-82-5	205-563-8	> 80- < 100 %	Flammable liquids 2 H225 Aspiration hazard 1 H304 Skin irritation 2 H315 Specific target organ toxicity - single exposure 3 H336 Acute hazards to the aquatic environment 1 H400 Chronic hazards to the aquatic environment 1 H410

Only dangerous ingredients for which a CLP classification is already available are displayed in this table.

For full text of the H - statements and other abbreviations see section 16 "Other information".

Substances without classification may have community workplace exposure limits available.

Declaration of ingredients according to DPD (EC) No 1999/45:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
n-Heptane 142-82-5	205-563-8	> 80 - < 100 %	Xi - Irritant; R38 R67 F - Highly flammable; R11 Xn - Harmful; R65 N - Dangerous for the environment; R50/53

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.

SECTION 4: First aid measures**Description of first aid measures:****Inhalation:**

Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:

Rinse with running water and soap.
Seek medical advice.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:

Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
Seek medical advice.

Most important symptoms and effects, both acute and delayed:

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

Indication of any immediate medical attention and special treatment needed:

Swallowing may cause irritation of mouth, throat and digestive tract, diarrhoea and vomiting.
Do not induce vomiting.
Seek medical attention from a specialist.

SECTION 5: Firefighting measures**Extinguishing media:****Suitable extinguishing media:**

Carbon dioxide, foam, powder

Extinguishing media which must not be used for safety reasons:

None known

Special hazards arising from the substance or mixture:

Cool aerosol containers with jet of water. Containers may explode.
Oxides of carbon.

Advice for firefighters:

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

SECTION 6: Accidental release measures**General information:**

Keep away from sources of ignition and naked flames.

Personal precautions, protective equipment and emergency procedures:

Avoid skin and eye contact.

Environmental precautions:

Do not let product enter drains.

Methods and material for containment and cleaning up:

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Dispose of contaminated material as waste according to Chapter 13.

Reference to other sections:

See advice in chapter 8

SECTION 7: Handling and storage**Precautions for safe handling:**

Use only in well-ventilated areas.

Avoid skin and eye contact.

Keep away from sources of ignition - no smoking.

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

Good industrial hygiene practices should be observed.

Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated place.

Do not expose to direct heat.

Specific end use(s):

Primer

SECTION 8: Exposure controls/personal protection**Control parameters:**

Valid for

Great Britain

Ingredient	ppm	mg/m ³	Type	Category	Remarks
N-HEPTANE 142-82-5	500		Time Weighted Average (TWA):		EH40 WEL
N-HEPTANE 142-82-5	500	2.085	Time Weighted Average (TWA):	Indicative	ECTLV

Exposure controls:**Respiratory protection:**

Use only in well-ventilated areas.

Do not inhale vapors and fumes.

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):

nitrile rubber (NBR; ≥ 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (NBR; ≥ 0.4 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 protective glasses.

Skin protection:

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties:**

Appearance	liquid liquid Colorless to slightly amber, clear
Odor	Aliphatic
pH	Not determined
Initial boiling point	96 - 98 °C (204.8 - 208.4 °F)
Flash point	-1 °C (30.2 °F)
Decomposition temperature	No data available / Not applicable
Vapour pressure (20 °C (68 °F))	45,5 mbar
Density ()	0,71 g/cm ³
Bulk density	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative) (Solvent: Water)	Not miscible
Solubility (qualitative) (Solvent: Acetone)	Not available.
Solubility (qualitative)	Not miscible
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	
lower	1,1 % (V)
upper	6,7 % (V)
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	2,7
Vapor density	Heavier than air
Oxidising properties	No data available / Not applicable

Other information:

No data available / Not applicable

SECTION 10: Stability and reactivity**Reactivity:**

Acids.
Strong oxidizing agents.

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

See section reactivity

Conditions to avoid:

Stable under normal conditions of storage and use.

Incompatible materials:

No data available.

Hazardous decomposition products:

carbon oxides.

SECTION 11: Toxicological information**General toxicological information:**

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Oral toxicity:

Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.

Inhalative toxicity:

May cause headache and dizziness.

Skin irritation:

Irritating to the skin.
Solvent may remove essential oils from the skin making it susceptible to attack from other chemicals.

Eye irritation:

Avoid eye contact.
May cause mild irritation to the eyes.

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
n-Heptane 142-82-5	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		

SECTION 12: Ecological information**General ecological information:**

Very toxic to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.
Do not empty into drains / surface water / ground water.
The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
n-Heptane 142-82-5	LC50	220 - 270 mg/l	Fish		Leuciscus idus	OECD Guideline 203 (Fish, Acute Toxicity Test)
n-Heptane 142-82-5	EC50	1,5 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
n-Heptane 142-82-5	4,66					

SECTION 13: Disposal considerations**Waste treatment methods:**

Product disposal:

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Waste code

14 06 03 Other solvents and solvent mixtures

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

Class: 3
Packaging group: II
Classification code: F1
Hazard ident. number: 33
UN no.: 1206
Label: 3
Technical name: HEPTANES (solution)
Tunnelcode: (D/E)
Additional substance property: Environmentally Hazardous

Railroad transport RID:

Class: 3
Packaging group: II
Classification code: F1
Hazard ident. number: 33
UN no.: 1206
Label: 3
Technical name: HEPTANES (solution)
Tunnelcode:
Additional substance property: Environmentally Hazardous

Inland water transport ADN:

Class: 3
Packaging group: II
Classification code: F1
Hazard ident. number:
UN no.: 1206
Label: 3
Technical name: HEPTANES (solution)
Additional substance property: Environmentally Hazardous

Marine transport IMDG:

Class: 3
Packaging group: II
UN no.: 1206
Label: 3
EmS: F-E ,S-D
Seawater pollutant: Marine pollutant
Proper shipping name: HEPTANES (solution)

Air transport IATA:

Class: 3
Packaging group: II
Packaging instructions (passenger) 353
Packaging instructions (cargo) 364
UN no.: 1206
Label: 3
Proper shipping name: Heptanes (solution)

SECTION 15: Regulatory information

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

VOC content 100 %
(1999/13/EC)

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

R11 Highly flammable.

R38 Irritating to skin.

R50/53 Very 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.

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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.

This safety data sheet was prepared in accordance with Council Directive 67/548/EEC and its subsequent amendments, and Commission Directive 1999/45/EC.