



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

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Loctite 7070 Cleaner

sds no. : 179511
V003.0

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

Trade name:

Loctite 7070 Cleaner

Intended use:

Solvent based cleaner

Company name:

Henkel Ireland Limited
Product Safety & Regulatory Affairs
Tallaght Business Park, Whitestown
Dublin 24

Ireland

Phone: +353 (14046444)

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

ua-productsafety.uk@uk.henkel.com

Emergency information:

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

2. Hazards identification

R12 Extremely flammable.

R43 May cause sensitisation by skin contact.

R66 Repeated exposure may cause skin dryness or cracking.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The aerosol container is under pressure. Do not expose to high temperatures.

3. Composition / information on ingredients

General chemical description:

Cleaner

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

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Isoparaffins C9-12 90622-57-4	292-459-0	60 - 100 %	R10 Xn - Harmful; R65, R66
Limonene, D- 5989-27-5	227-813-5	10 - 20 %	N - Dangerous for the environment; R50, R53 R10 Xi - Irritant; R38 R43
Carbon dioxide 124-38-9	204-696-9	1 - 5 %	No classification required.

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:

Move to fresh air.
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 mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

5. Fire fighting measures

Combustion behaviour:

Solvent containing flammable product. In case of fire toxic gases are released.

Suitable extinguishing media:

foam, extinguishing powder, carbon dioxide.

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.

Hazardous combustion products:

Oxides of carbon, oxides of nitrogen, irritating organic vapors.

Additional information:

In case of fire, keep containers cool with water spray.

6. Accidental release measures

Personal precautions:

Avoid skin and eye contact.
Remove sources of ignition.
Ensure adequate ventilation.

Environmental precautions:

Do not let product enter drains.

Clean-up methods:

Wipe up using absorbent material
Store in a partly filled, closed container until disposal.

7. Handling and storage

Handling:

Avoid skin and eye contact.
Keep away from sources of ignition - no smoking.
Vapours should be extracted to avoid inhalation.

Storage:

Store in a cool, dry place.
Do not store near sources of heat or ignition, or reactive materials.

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
CARBON DIOXIDE 124-38-9	15.000	27.400	Short Term Exposure Limit (STEL):		EH40 WEL
CARBON DIOXIDE 124-38-9	5.000	9.150	Time Weighted Average (TWA).		EH40 WEL
CARBON DIOXIDE 124-38-9	5.000	9.000	Time Weighted Average (TWA).	Indicative	ECTLV

Respiratory protection:

Do not inhale vapors and fumes.
Use only in well-ventilated areas.

Hand protection:

The use of chemical resistant gloves such as Nitrile are recommended.
In circumstances where there is a potential for prolonged or repeated skin contact, the use of disposable gloves (polyethylene, natural rubber or equivalent ester-resistant material) is recommended.

Eye protection:

Wear protective glasses.

Skin protection:

Suitable protective clothing

General protection and hygiene measures:

Good industrial hygiene practices should be observed.

9. Physical and chemical properties

General characteristics:

Appearance aerosol
colourless
Odor: citric

Phys./chem. properties:

pH-value not applicable
Boiling point 155 - 210 °C (311 - 410 °F)
Flash point Not applicable to aerosols.
Vapor pressure 6,7 mbar
(25,0 °C (77 °F))
Density 0,76 - 0,78 g/cm3
()
Solubility (qualitative) Insoluble
(Solvent: Water)
Solubility (qualitative) Miscible
(Solvent: Acetone)
Ignition temperature Not available
VOC content 97 %
(1999/13/EC)

10. Stability and reactivity

Conditions to avoid:

Stable under normal conditions of storage and use.
Heat, flames, sparks and other sources of ignition.

Materials to avoid:

Strong oxidizing agents.

Hazardous decomposition products:

None if used for intended purpose.

11. Toxicological information

Oral toxicity:

Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.
Ingestion of large quantities may cause liver or kidney damage.

Inhalative toxicity:

May cause headache and dizziness.

Skin irritation:

The product is irritant to skin and mucous membranes.

Eye irritation:

May cause mild irritation to the eyes.

Sensitizing:

May cause sensitization by skin contact.

12. Ecological information

Ecotoxicity:

Hazardous components CAS-No.	Species	Exposure time	Value type	Value
Limonene, D- 5989-27-5	Fathead minnow (Pimephales promelas)	96 h	LC 50	0,702 mg/l

General ecological information:

Toxic to aquatic organisms
May cause long-term adverse effects in the aquatic environment.
Do not empty into drains / surface water / ground water.

13. Disposal considerations

Product disposal:

Dispose of according to regulations.

Waste code(EWC):

14 06 03 - other solvents and solvent mixtures

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.
Disposal must be made according to official regulations.

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

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS
Tunnelcode:	(D)
Additional substance property:	Environmentally Hazardous

Railroad transport RID:

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	23
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS
Tunnelcode:	
Additional substance property:	Environmentally Hazardous

Inland water transport ADN:

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS
Additional substance property:	Environmentally Hazardous

Marine transport IMDG:

Class:	2.1
Packaging group:	
UN no.:	1950
Label:	2.1
EmS:	F-D ,S-U
Seawater pollutant:	Marine pollutant
Proper shipping name:	AEROSOLS (limonene)

Air transport IATA:

Class:	2.1
Packaging group:	
Packaging instructions (passenger)	203
Packaging instructions (cargo)	203
UN no.:	1950
Label:	2.1
Proper shipping name:	Aerosols, flammable

15. Regulations - classification and identification

Indication of danger:

N - Dangerous for the environment

Xi - Irritant

F+ - Extremely flammable



Contains

Limonene, D-

Risk phrases:

R12 Extremely flammable.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66 Repeated exposure may cause skin dryness or cracking.

Safety phrases:

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe fumes.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

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

Additional labeling:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

Keep out of the reach of children

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.

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:

- R10 Flammable.
- R38 Irritating to skin.
- R43 May cause sensitisation by skin contact.
- R50 Very toxic to aquatic organisms.
- R53 May cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.

Further information:

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

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.