Material Safety Data Sheet according to 91/155/EC - ISO 11014-1

Loctite 7063

MSDS-No. : 179512
V001.1
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1. Identification of the substance/preparation and of the company/undertaking

Trade name:
Loctite 7063

Intended use:
Solvent based cleaner

Company name:
Henkel Loctite Adhesives Ltd
Technologies House
Wood Lane End
HP2 4RQ Hemel Hempstead
Phone: +44 (1442) 278000
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Great Britain

Emergency information:
+353-1-4599301/+353-87-2629625/+353-1-4046444

2. Composition / information on ingredients

General chemical description:
Solvent cleaner

Declaration of ingredients according to 91/155/EC:

Hazardous components CAS-No.	EINECS	content	Classification
Ethanol denatured 64-17-5	200-578-6	10 - 20 %	F - Highly flammable; R11
Methylal 109-87-5	203-714-2	10 - 20 %	F - Highly flammable; R11
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	265-151-9	50 - 70 %	Xn - Harmful; R65 R66, R67 N - Dangerous for the environment; R51/53
Carbon dioxide 124-38-9	204-696-9	1 - 10 %	Not necessary.

3. Hazards identification

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

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.

Special hazards by the product itself:
Vapours may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

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:
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:
Keep away from sources of ignition - no smoking.
Vapours should be extracted to avoid inhalation
Use only in well-ventilated areas

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/m^3	Type	Category	Remarks
ethanol; ethyl alcohol 64-17-5	1.000	1.920	Time Weighted Average (TWA).		EH40 WEL
				Listed.	EH40 WEL
DIMETHOXYMETHANE 109-87-5	1.000	3.160	Time Weighted Average (TWA).		EH40 WEL
	1.250	3.950	Short Term Exposure Limit (STEL):		EH40 WEL
				Listed.	EH40 WEL
Carbon dioxide 124-38-9				Listed.	UKCOSSTD
	5.000	9.000	Time Weighted Average (TWA).		EU-2000/39/EC
	5.000	9.150	Time Weighted Average (TWA).		EH40 WEL
	15.000	27.400	Short Term Exposure Limit (STEL):		EH40 WEL
				Listed.	EH40 WEL
				Listed.	EU-2000/39/EC

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.

Body protection:

suitable protective clothing

General protection and hygiene measures:

Good industrial hygiene practices should be observed

9. Physical and chemical properties

Appearance	liquid colorless
Odor:	hydrocarbons
pH-value	Not applicable
Boiling point	87 - 104 °C (188,6 - 219,2 °F)
Flash point	-21 °C (-5,8 °F)
Density ()	0,742 g/cm3
Solubility (qualitative) (Solvent: water)	not miscible
Solubility (qualitative) (Solvent: Acetone)	miscible
VOC content (1999/13/EC)	95 % (As defined in the Council Directive 1999/13/EC)

10. Stability and reactivity

Conditions to avoid:
Stable under normal conditions of storage and use.
Heat, fumes, sparks and other sources of ignition.

Materials to avoid:
Strong oxidizing agent.

Hazardous decomposition products:
None if used for intended purpose.

11. Toxicological information

Oral toxicity:
Harmful if swallowed.
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:
May cause mild irritation to the eyes

12. Ecological information

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

Mobility:
The product evaporates readily.

Persistence and Biodegradability:
No data available.

Bioaccumulative potential:
No data available.

13. Disposal considerations

Product
Disposal methods:
Dispose of according to regulations.

Waste code(EWC):
14 06 03 - other solvents and solvent mixtures

Packaging
Disposal methods:
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

Railroad transport RID:

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	23
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS

Inland water transport ADN:

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

Marine transport IMDG:

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

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:

F - Highly flammable

N - Dangerous for the environment

Xi - Irritant

Contains

Naphtha, hydrotreated light, <0,1% benzene

Risk phrases:

R11 Highly flammable.
R38 Irritating to skin.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe spray.
S24 Avoid contact with skin.
S51 Use only in well-ventilated areas.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

16. Other information

Full text of the R-phrases indicated by codes in this safety data sheet. The labeling of the product is indicated in Section 15.

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.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Further information:

This safety data sheet was prepared in accordance with Council Directive 67/548/EEC and it's 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.