



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

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Loctite 8065

sds no. : 153550
V002.2

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

Product identifier:

Loctite 8065

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

Intended use:
Lubricant

Details of the supplier of the safety data sheet:

Henkel Ireland
Operations and Research Limited
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Ireland

Phone: +353 (14046444)
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24 Hours Emergency Tel: +44 (0)1442 278497

SECTION 2: Hazards identification

Classification of the substance or mixture:

Classification (DPD):

No classification required.

Label elements (DPD):

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

Other hazards:

Not classified as hazardous.

SECTION 3: Composition/information on ingredients

General chemical description:

Lubricant

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

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Copper 7440-50-8	231-159-6	>= 10- <= 20 %	Serious eye irritation 2 H319 Specific target organ toxicity - single exposure 3 H335 Skin irritation 2 H315 Acute toxicity 3; Oral H302 Chronic hazards to the aquatic environment 3 H412

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
Copper 7440-50-8	231-159-6	>= 10 - <= 20 %	R52/53 Xn - Harmful; R22 Xi - Irritant; R36/37/38

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:

No data available.

Indication of any immediate medical attention and special treatment needed:

See section: Description of first aid measures

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

Carbon dioxide, foam, powder

Special hazards arising from the substance or mixture:

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

Advice for firefighters:

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

Additional information:

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

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures:**

Avoid skin and eye contact.
Ensure adequate ventilation.

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.

Reference to other sections:

See advice in chapter 8

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

Use only in well-ventilated areas.
Prolonged or repeated skin contact should be avoided

Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated place.
Keep away from heat and direct sunlight.

Specific end use(s):

Lubricant

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

Valid for
Great Britain

Ingredient	ppm	mg/m ³	Type	Category	Remarks
COPPER, INHALABLE DUSTS AND MISTS (AS CU) 7440-50-8		2	Short Term Exposure Limit (STEL):		EH40 WEL
COPPER, FUME 7440-50-8		0,2	Time Weighted Average (TWA):		EH40 WEL
COPPER, INHALABLE DUSTS AND MISTS (AS CU) 7440-50-8		1	Time Weighted Average (TWA):		EH40 WEL
GRAPHITE, RESPIRABLE DUST 7782-42-5		4	Time Weighted Average (TWA):		EH40 WEL
GRAPHITE, INHALABLE DUST 7782-42-5		10	Time Weighted Average (TWA):		EH40 WEL
SILICA, RESPIRABLE CRYSTALLINE 14808-60-7		0,1	Time Weighted Average (TWA):		EH40 WEL

Exposure controls:

Respiratory protection:
Use only in well-ventilated areas.

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	solid light brown
Odor	Mild
pH	No data available / Not applicable
Initial boiling point	No data available / Not applicable
Flash point	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density	1,18 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)	Insoluble
(Solvent: Water)	
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	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	No data available / Not applicable
Oxidising properties	No data available / Not applicable

Other information:

No data available / Not applicable

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

Reacts with strong oxidants.

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

See section reactivity

Conditions to avoid:

Stable

Hazardous decomposition products:

Irritating organic vapours.

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:

May cause irritation to the digestive tract.

Inhalative toxicity:

May cause headache and dizziness.

Skin irritation:

Prolonged or repeated contact may cause skin irritation.

Eye irritation:

May cause mild irritation to the eyes.

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Copper 7440-50-8	irritating			

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Copper 7440-50-8	not irritating			

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

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
Copper 7440-50-8	LC50	> 10 mg/l	Fish	96 h	Lepomis macrochirus	OECD Guideline 203 (Fish, Acute Toxicity Test)

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

Product disposal:
Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:
Disposal must be made according to official regulations.

Waste code
14 06 03 - other solvents and solvent mixtures

SECTION 14: Transport information

Road transport ADR:

Not dangerous goods

Railroad transport RID:

Not dangerous goods

Inland water transport ADN:

Not dangerous goods

Marine transport IMDG:

Class:	9
Packaging group:	III
UN no.:	3077
Label:	9
EmS:	F-A ,S-F
Seawater pollutant:	Marine pollutant
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Copper)

Air transport IATA:

Class:	9
Packaging group:	III
Packaging instructions (passenger)	956
Packaging instructions (cargo)	956
UN no.:	3077
Label:	9
Proper shipping name:	Environmentally hazardous substance, solid, n.o.s. (Copper)

SECTION 15: Regulatory information

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

VOC content (1999/13/EC)	0 %
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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:

R22 Harmful if swallowed.

R36/37/38 Irritating to eyes, respiratory system and skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful 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.