



Safety Data Sheet

Page 1 of 10

LOCTITE SF 7655

SDS No. : 587744

V001.2

Revision: 17.06.2020

printing date: 18.05.2021

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

Product name:
LOCTITE SF 7655

Other means of identification:
LOCTITE SF 7655

Product code:
IDH2238879

Recommended use of the chemical and restrictions on use

Intended use:
Cleaner

Identification of manufacturer, importer or distributor

Manufacturer: Henkel Loctite (China) Co. Ltd, No. 90 Zhu Jiang Road, Yantai Economic, Technological Development Zone, 264006 Shangdong Province, China Tel: +86-535-6399803 Fax: +86-535-6371999

Importer: Henkel Thailand Ltd The Offices at Centralworld, 35th Floor, 999/9 Rama 1 Rd, Kwang Patumwan, Khet Patumwan, Bangkok 10330, Thailand. Phone : +6622098000 Fax : +6622098008

E-mail address of person responsible for Safety Data Sheet:
ap-ua-psra.sea@henkel.com

Emergency information:
FOR EMERGENCIES ONLY (Spill, major leak, Fire, Exposure, or Accident). Call CHEMTREC: +1 703-741-5970

Section 2. Hazards identification

GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>
Flammable aerosols	Category 2
Skin corrosion/irritation	Category 2
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Aspiration hazard	Category 1
Chronic hazards to the aquatic environment	Category 2

GHS label elements:

Hazard pictogram:



Signal word:

Danger

Hazard statement:

H223 Flammable aerosol.
H229 Pressurized container: May burst if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H340 May cause genetic defects.
H350 May cause cancer.
H411 Toxic to aquatic life with long lasting effects.

Precaution:

Prevention:

P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P264 Wash hands thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352 IF ON SKIN: Wash with plenty of water.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.

Storage:

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal:

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 3. Composition / information on ingredients

Substance or Mixture:
Mixture

Declaration of hazardous chemical:

Hazard component CAS-No.	Content	GHS Classification
Ligroine 8032-32-4	60- 100 %	Germ cell mutagenicity 1B H340 Carcinogenicity 1B H350 Aspiration hazard 1 H304
cyclohexane 110-82-7	1- 10 %	Flammable liquids 2 H225 Skin corrosion/irritation 2 H315 Specific target organ toxicity - single exposure 3 H336 Aspiration hazard 1 H304 Acute hazards to the aquatic environment 1 H400 Chronic hazards to the aquatic environment 1 H410
Carbon dioxide 124-38-9	1- 10 %	Gases under pressure
Hexane, mixture of isomers (containing < 3% n-hexane) 73513-42-5	1- 10 %	Flammable liquids 2 H225 Skin corrosion/irritation 2 H315 Specific target organ toxicity - single exposure 3 H336 Aspiration hazard 1 H304 Chronic hazards to the aquatic environment 2 H411

Section 4. First aid measures

Inhalation:

Move to fresh air.
Keep warm and in a quiet place.
Administer oxygen or artificial respiration as needed.
Seek medical attention from a specialist.

Skin contact:

Immediately remove soiled or soaked clothing.
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

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.

Section 5. Fire fighting measures

Suitable extinguishing media:

Foam, extinguishing powder, carbon dioxide.
Fine water spray

Improper extinguishing media:

High pressure waterjet

Specific hazards arising from the chemical:

Can form explosive gas/air mixtures.

Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

Special protection equipment and precautions for firefighters:

Keep unnecessary personnel away.

Wear full protective clothing.

Wear self-contained breathing apparatus.

Hazardous combustion products:

Irritating vapors.

Carbon dioxide

carbon monoxide

nitrogen oxides

Additional fire fighting advice:

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

Section 6. Accidental release measures

Personal precautions:

Ensure adequate ventilation.

Keep unprotected persons away.

Remove sources of ignition.

If vapors are generated, wear suitable respiratory equipment.

Wear impervious gloves and chemical splash goggles.

Danger of slipping on spilled product.

Avoid skin and eye contact.

Wear protective equipment.

See advice in section 8

Environmental precautions:

Do not empty into drains / surface water / ground water.

Clean-up methods:

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Handling:

Ensure good ventilation/suction at the workplace.

Keep away from sources of ignition - no smoking.

Take measures to prevent the build-up of electrostatic charges.

Oxidizing agent, may cause spontaneous ignition of combustible materials.

Wear suitable protective clothing, safety glasses and gloves.

When using do not eat, drink or smoke.

Keep out of the reach of children.

Avoid skin and eye contact.

See advice in section 8

Storage:

Temperatures between + 5 °C and + 30 °C

Store in tightly closed containers. In a cool/well-ventilated area.

Keep away from sources of ignition.

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

CYCLOHEXANE 110-82-7	Value type	Time Weighted Average (TWA):
	ppm	100
	Remarks	ACGIH
CYCLOHEXANE 110-82-7	Value type	Time Weighted Average (TWA):
	ppm	300
	Remarks	TH OEL
CARBON DIOXIDE 124-38-9	Value type	Time Weighted Average (TWA):
	ppm	5,000
	Remarks	ACGIH
CARBON DIOXIDE 124-38-9	Value type	Short Term Exposure Limit (STEL):
	ppm	30,000
	Remarks	ACGIH

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.

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.
Protective eye equipment should conform to EN166.

Body protection:

Wear suitable protective clothing.
Protective clothing that covers arms and legs.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Engineering controls:

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.
Avoid naked flames, sparking and sources of ignition.
Prevent electrostatic charge build-up by using common bonding and grounding techniques.
Explosion-proof exhaust devices are required.
Handle in accordance with good industrial hygiene and safety practice

Hygienic measures:

Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.
Take off contaminated clothing and wash before reuse.

Section 9. Physical and chemical properties

Appearance:	transparent liquid
Odor:	Acetate
Odor threshold (CA):	No data available.
pH:	Not applicable
Melting point / freezing point:	No data available.

Specific gravity:	0.6 - 0.8
Boiling point:	No data available.
Flash point: (no method)	< -10 °C (< 14 °F)
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Lower explosive limit:	No data available.
Upper explosive limit:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Density:	0.6 - 0.8 g/cm ³
Solubility:	Not soluble
Partition coefficient: n-octanol/water:	No data available.
Auto ignition:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
VOC content:	No data available.

Section 10. Stability and reactivity

Reactivity/Incompatible materials:

Oxidizers.

Chemical stability:

Stable under recommended storage conditions.

Conditions to avoid:

Keep away from sources of ignition and naked flames.

Hazardous decomposition products:

No decomposition if used according to specifications.

Section 11. Toxicological information

Symptoms of Overexposure:

None known.

Aspiration hazard:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiratio

Acute oral toxicity:

cyclohexane 110-82-7	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity)

Acute inhalative toxicity:

cyclohexane 110-82-7	Value type	LC50
	Value	> 32.880 mg/l
	Exposure time	4 h
	Species	rat
	Method	equivalent or similar to OECD Guideline 403 (Acute Inhalation Toxicity)

Acute dermal toxicity:

cyclohexane 110-82-7	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)

Serious eye damage/irritation:

cyclohexane 110-82-7	Result	slightly irritating
	Exposure time	
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

cyclohexane 110-82-7	Result	not sensitising
	Test type	Buehler test
	Species	guinea pig
	Method	equivalent or similar to OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

cyclohexane 110-82-7	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)
cyclohexane 110-82-7	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
cyclohexane 110-82-7	Result	negative
	Type of study / Route of administration	inhalation: vapour
	Metabolic activation / Exposure time	
	Species	rat
	Method	equivalent or similar to OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)

Repeated dose toxicity:

cyclohexane 110-82-7	Result	
	Route of application	inhalation: vapour
	Exposure time / Frequency of treatment	13-14 w6 h/d, 5 d/w
	Species	mouse
	Method	EPA OPPTS 870.3465 (90-Day Inhalation Toxicity)

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Ecotoxicity: Toxic to aquatic life with long lasting effects.

Toxicity:

cyclohexane 110-82-7	Value type	LC50
	Value	4.53 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Pimephales promelas
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
cyclohexane 110-82-7	Value type	EC50
	Value	0.9 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
cyclohexane 110-82-7	Value type	EC50
	Value	9.317 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
	Value type	NOEC
	Value	0.95 mg/l

	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
cyclohexane 110-82-7	Value type	IC50
	Value	29 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	15 h
	Species	other:
	Method	not specified

Persistence and degradability:

cyclohexane 110-82-7	Result	readily biodegradable
	Route of application	aerobic
	Degradability	77 %
	Method	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

Bioaccumulative potential / Mobility in soil:

cyclohexane 110-82-7	Bioconcentration factor (BCF)	167
	Exposure time	
	Species	Pimephales promelas
	Temperature	
	Method	QSAR (Quantitative Structure Activity Relationship)
cyclohexane 110-82-7	LogPow	3.44
	Temperature	25 °C
	Method	QSAR (Quantitative Structure Activity Relationship)

Section 13. Disposal considerations**Product****Method of disposal:**

Dispose of in accordance with local and national regulations.

Packaging**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.

Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

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

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

Railroad transport RID:

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

Inland water transport ADN:

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

Marine transport IMDG:

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

Air transport IATA:

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

Section 15. Regulatory information

Regulatory Information:

Ministry of Industry Notice. The system to classify and communicate the hazard of hazardous material, BE. 2555

Global inventory status:

Regulatory list	Notification
IECSC	yes
TCSI	yes

Section 16. Other information

Disclaimer:

This Safety Data Sheet has been generated based on Ministry of Industry Notice. The system to classify and communicate the hazard of hazardous material, BE. 2555 only. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance. 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.

Dear Customer,

Henkel is committed to creating a sustainable future by promoting opportunities along the entire value chain. If you would like to contribute by switching from a paper to the electronic version of SDS, please contact the local Customer Service representative. We recommend to use a non-personal email address (e.g. SDS@your_company.com).