



## Safety Data Sheet according to GB/T 16483-2008

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LOCTITE SF 7365 AE 400ML

SDS No. : 179512

V001.15

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

**Product name:** LOCTITE SF 7365 AE 400ML

**Intended use:** Industrial Cleaning Agents

**Manufacturer/Importer/Distributor Representative Company**

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**Revision date:** 13.06.2022

**Emergency information:** +86 21 2891 8311 (24h).

### 2. Hazards identification

**Classification of the substance or mixture according to GB 13690-2009 (General rule for classification and hazard communication of chemicals):**

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Target organ</u>
Aerosol	Category 1	
Skin corrosion/irritation	Category 2	
Specific target organ toxicity - single exposure	Category 3	Central nervous system
Acute hazards to the aquatic environment	Category 2	
Chronic hazards to the aquatic environment	Category 2	

**Label elements according to GB 15258-2009 (General rules for preparation of precautionary label for chemicals):**

**Hazard pictogram:**



**Signal word:** Danger

<b>Hazard statement:</b>	H222 Extremely flammable aerosol. H229 Pressurized container: May burst if heated. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
<b>Prevention:</b>	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. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves.
<b>Response:</b>	P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage.
<b>Storage:</b>	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
<b>Disposal:</b>	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.

### 3. Composition / information on ingredients

**General description:** Mixture  
**Declaration of the ingredients according to GB 13690-2009:**

Hazard component CAS-No.	Content	GHS Classification
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	50- < 70 %	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 2 H401 Chronic hazards to the aquatic environment 2 H411
Ethanol 64-17-5	10- < 20 %	Flammable liquids 2 H225 Serious eye damage/eye irritation 2A H319

Only hazardous ingredients for which a classification according to GB 13690-2009 is already available are displayed in this table. For full text of the Hazard statements see section 16 "Other information".

### 4. First aid measures

**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.

**Inhalation:** Move to fresh air.  
Seek medical advice.

**Ingestion:** Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

**5. Fire fighting measures**

**Hazardous combustion products:** Oxides of carbon, oxides of nitrogen, irritating organic vapors.

**Extinguishing media:** Foam, extinguishing powder, carbon dioxide.

**Fire-fighting method:** In case of fire, keep containers cool with water spray.

**Notice and measures for firing fighting:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**6. Accidental release measures**

**Emergency measures:** Remove sources of ignition.  
Do not let product enter drains.  
Ensure adequate ventilation.

**Clean-up methods:** Wipe up using absorbent material.  
Store in a partly filled, closed container until disposal.  
Dispose of contaminated material as waste according to Section 13.

**7. Handling and storage**

**Notice for handling:** Keep away from sources of ignition - no smoking.  
Vapours should be extracted to avoid inhalation.  
Use only in well-ventilated areas.  
Avoid skin and eye contact.  
See advice in section 8

**Notice for storage:** Refer to Technical Data Sheet

**8. Exposure controls / personal protection**

Hazardous components	GBZ 2.1-2019	ACGIH	NIOSH	OSHA
Dimethoxymethane	3,100 mg/m <sup>3</sup> PC-TWA	1,000 ppm TWA		none
Carbon dioxide	9,000 mg/m <sup>3</sup> PC-TWA 18,000 mg/m <sup>3</sup> PC-STEL	5,000 ppm TWA 30,000 ppm TWA		none

**Engineering controls:** Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

**Respiratory protection:** Do not inhale vapors and fumes.  
Use only in well-ventilated areas.

**Eye protection:** Wear protective glasses.

**Body protection:** Suitable protective clothing

**Hand protection:**

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.

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;  $\geq 0.4$  mm thickness)

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

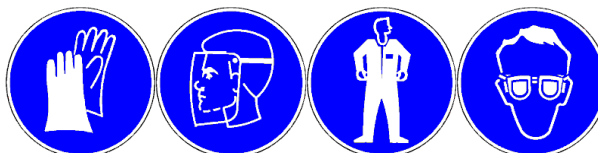
nitrile rubber (NBR;  $\geq 0.4$  mm thickness)

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.

**Other protection:**

The selection of PPE shall at least compliant with "Law of the People's Republic of China on Prevention and Control of Occupational Diseases" and "Code of practice for selection of personal protective equipments" (GB/T 11651-2008).

**Pictograms for recommended PPE:**



**9. Physical and chemical properties**

Physical state:	aerosol	Appearance:	colourless
Evaporation rate:	Not available.	Odor:	hydrocarbons
pH:	Not applicable	Melting point:	Not available.
Boiling point:	87 - 104 °C (188.6 - 219.2 °F)	Density:	0.742 g/cm <sup>3</sup>
Vapor density:	Not available.	Vapor pressure:	Not available.
Flash point:	-18 °C (0.4 °F)	Ignition temperature:	Not available.
Lower explosive limit:	Not available.	Upper explosive limit:	Not available.
Solubility in water	Not miscible	Viscosity:	Not available.
			0.43 mm <sup>2</sup> /s
Auto-ignition temperature:	Not available.	Flammability:	Not available.
Octanol / water distribution coefficient:	Not available.	Decomposition temperature:	Not available.
VOC:	Organic solvent cleaning agent		
	708 g/l, GB 38508-2020 Limits for volatile organic compounds content in cleaning agents		

**10. Stability and reactivity**

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	Stable under normal conditions of storage and use. Heat, flames, sparks and other sources of ignition.
<b>Incompatible products:</b>	Strong oxidizing agents.
<b>Decomposition products:</b>	None if used for intended purpose.
<b>Hazardous polymerization:</b>	Will not occur.

## 11. Toxicological information

**General toxicological information:**

No laboratory animal data available.

**Carcinogenicity**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Sex	Method
Ethanol 64-17-5	not carcinogenic					Expert judgement

**Other remarks:**

Not available.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	LD50 LC50 LD50	> 5,000 mg/kg > 5.61 mg/l > 2,000 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity) equivalent or similar to OECD Guideline 403 (Acute Inhalation Toxicity) equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)
Ethanol 64-17-5	LD50 LC50 LD50	10,470 mg/kg 124.7 mg/l > 2,000 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Ethanol 64-17-5	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Ethanol 64-17-5	irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
Ethanol 64-17-5	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Ethanol 64-17-5	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Ethanol 64-17-5	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Ethanol 64-17-5	negative				OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)

**12. Ecological information**

**General ecological information:**

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

**Other adverse effects:**

Not available.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	LL50	8.2 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	EL50	4.5 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	EL50	3.1 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	NOELR	0.5 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanol 64-17-5	LC50	14,200 mg/l	Fish	96 h	Pimephales promelas	EPA-660 (Methods for Acute Toxicity Tests with Fish, Macroinvertebrates and Amphibians)
Ethanol 64-17-5	NOEC	250 mg/l	Fish	120 h	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Ethanol 64-17-5	EC50	5,012 mg/l	Daphnia	48 h	Ceriodaphnia dubia	other guideline:
Ethanol 64-17-5	EC50	275 mg/l	Algae	72 h	Chlorella vulgaris	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanol 64-17-5	EC10	11.5 mg/l	Algae	72 h	Chlorella vulgaris	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanol 64-17-5	IC50	> 1,000 mg/l	Bacteria	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	readily biodegradable	aerobic	77.05 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Ethanol 64-17-5	readily biodegradable	aerobic	80 - 85 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

**Bioaccumulative potential / Mobility in soil:**

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	4 - 5.7					OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
Ethanol 64-17-5	-0.35				24 °C	not specified

**13. Disposal considerations**

- 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.

**14. Transport information**

**Road transport CN\_DG:**

Class: 2.1  
 Packing group:  
 Classification code:  
 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 (Solvent Naphtha (Petroleum), Light Aromatic)

**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

**Notice For Transportation:**

Transport according to local and national regulations. Ensure containers will not leak, collapse, or being damaged when transported. DO NOT transport with incompatible materials. Transportation vehicle should be equipped with right fire-fighting equipment in case of emergency. Avoid solarization, drenched and high temperature when transported.

**15. Regulatory information**

The following laws and regulations lay down provisions in terms of chemicals safety use, storage, transportation, loading/unloading, classification as well as symbol.

“Law of the People's Republic of China on Work Safety” (Adopted by the 28th meeting of 9th NPC standing committee on 29th June 2002, revised by 29th meeting of 13nd NPC standing committee on 10th Jun 2021).

Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases” (Adopted by the 24th meeting of 9th NPC standing committee on 27th October 2001, revised by 7th meeting of 13rd NPC standing committee on 29th Dec 2018).

“Law of the People's Republic of China on environmental protection” (Adopted by 11st meeting of 7th NPC standing committee on 26th December 1989, revised by 8th meeting of 12nd NPC standing committee on 24th Apr 2014).

“Regulation on the Safety Management of Hazardous Chemicals” (Adopted by 32nd State Council executive meeting on 4th December 2013).

“Regulations on License to Work Safety” (Adopted by 54th State Council executive meeting on 29th July 2014).

**China Inventory of Existing Chemicals:**

All components are listed or are exempt from Inventory of Existing Chemical Substances in China.

**16. Other information**

<b>Issue date:</b>	04.05.2023
<b>Issue department:</b>	Product Safety & Regulatory Affairs for China



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**Others:**

**The full text of all abbreviations indicated by codes in this safety data sheet section 3 are as follows:**

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H401 Toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.