

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

1. Product and company identification**1.1 Identification of the substance or preparation:**

Trade name SPRAY AK 200 ML
 Use of the Substance/Mixture End user. Commercial. Industrial. release agent

1.2 Company/undertaking identification:

Manufacturer/distributor: Wacker Chemie AG
 Gisela-Stein-Straße 1
 81671 München
 Germany

Customer information: Wacker Chemical Corporation
 4950 S State Road
 Ann Arbor, MI 48108
 InfoLine:
 Tel (517) 264-8240
 Hours of operation:
 Monday - Friday, 8 am to 5 pm (eastern standard time)
 Corporate website: www.wacker.com

Emergency telephone no. (24h): (517) 264-8500

Transportation emergency: (800) 424-9300 (CHEMTREC, USA)
 (703) 527-3887 (CHEMTREC, international)

This SDS was prepared by the Regulatory Affairs and Product Safety Department (RAPS) of Wacker Chemical Corporation.

2. Hazards identification**2.1 Classification of the substance or mixture**

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200):

Hazards for the product as supplied

Classification	H-Code
Flammable aerosols, Category 1	H222

2.2 Label elements

GHS-Labeling:

Pictogram(s):



Signal word: Danger

H-Code	Hazard statements
H222	Extremely flammable aerosol.

P-Code	Precautionary statements
P102	Keep out of reach of children.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
P501	Dispose of contents/container to waste disposal.

2.3 Other hazards

Liquified gas: Liquid flowing out can cause frostbites. The gas is heavier than air, it may collect in low-lying areas.
 Endocrine disrupting properties - human health: The substance/mixture does not contain components considered to have

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties - environment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

3. Composition/information on ingredients**3.1 Chemical characterization (preparation)**

Chemical characterization

Polydimethylsiloxane+Propellant gas

3.2 Information on ingredients:

This material does not contain any ingredients above the permitted limit(s).

Substances listed in the Subsections "HAPS" and "California Proposition 65 Carcinogens / Reproductive Toxins" that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non-carcinogenic HAPS or they are inextricably bound in the product. Specific chemical identities and/or exact percentage (concentration) of the composition may have been withheld as a trade secret.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above $\geq 0.1\%$.

4. First-aid measures**4.1 General information:**

Get medical attention if irritation or other symptoms occur. Before seeking medical attention remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment.

4.2 If inhaled

If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.

4.3 In case of skin contact

For skin contact, immediately wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water.

4.4 In case of eye contact

If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min.

4.5 If swallowed

For Ingestion, do not attempt to induce vomiting. Danger of aspiration. Get medical attention immediately. Show label if possible.

5. Fire-fighting measures**5.1 Flammable properties:**

Property:	Value:	Method:
Flash point.....	-104 °C (-155 °F)	(not specified)
Sustained combustibility.....	no data available	
Boiling point/boiling range	not applicable	
Lower explosion limit.....	1.5 Vol-%	(not specified)
Upper explosion limit.....	10 Vol-%	(not specified)
Ignition temperature	400 °C (752 °F)	(DIN 51794)
NFPA Hazard Class (comb./flam.liquid).....	IA	

5.2 Fire and explosion hazards:

Danger! Extremely flammable liquid and vapor. Vapor may cause flash fire. Vapor/gas reduces oxygen available for breathing. Electrostatic charging is possible. Attention! Container may burst upon heating. Containers should be emptied carefully. Never use welding or cutting torch on or near any container of this material, even if empty, because an explosion could occur. Consider possible formation of explosive mixtures with air, for example in uncleaned containers.

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

5.3 Recommended extinguishing media:

water-spray , carbon dioxide, dry chemical or foam-type extinguishing media .

5.4 Unsuitable extinguishing media:

sharp water jet .

5.5 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Hazardous decomposition products: carbon dioxide , carbon monoxide , formaldehyde , silicon dioxide and incompletely burnt hydrocarbons .

5.6 Fire fighting procedures:

Evacuate all personnel. Fire fighters should wear full protective clothing including a self-contained breathing apparatus. Cool endangered containers with water. In case of fire remove container out of endangered area.

6. Accidental release measures**6.1 Precautions:**

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.

HAZWOPER PPE Level: D

6.2 Containment:

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Condense gasses/vapours/mists using a directed spray of water. Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

6.3 Methods for cleaning up

Exhaust vapours. Use absorbant materials to pick up residual liquids. Take up mechanically and dispose of according to local/state/federal regulations. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

6.4 Further information:

Eliminate all sources of ignition. Consider explosion protection. Observe notes under section 7.

7. Handling and storage**7.1 Handling****Precautions for safe handling:**

Ensure adequate ventilation. Observe information in section 8. Keep away from incompatible substances in accordance with section 10.

Precautions against fire and explosion:

Do not open spray cans violently and do not heat above 50 °C (122 °F). Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Vapours heavier than air, therefore inflammable gas mixture may form mainly near floor. Do not use on oxygen instruments. In case of fire remove container out of endangered area. Cool endangered containers with water.

7.2 Storage**Conditions for storage rooms and vessels:**

Observe local/state/federal regulations.

Advice for storage of incompatible materials:

Do not store with strong oxidizing agents, peroxides or oxidizing substances. Observe local/state/federal regulations.

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

Further information for storage:

Store in original container only. Store in a dry and cool place. Do not expose the product to thermal radiation. Protect against sun. Store container in a well ventilated place.

8. Exposure controls and personal protection**8.1 Engineering controls****Ventilation:**

General ventilation sufficient to provide 1 CFM per square foot of floor area or 6 room air exchanges per hour is recommended.

Local exhaust:

To control flammable/combustible vapors: Local exhaust ventilation which meets the requirements of ANSI Z9.2 is recommended to control airborne contaminants at the point of use. (to maintain concentration below TLV) .

8.2 Associate substances with specific control parameters such as limit values**Maximum airborne concentrations at the workplace:**

Substance	Type	mg/m ³	ppm	Dust fract.
Propane	OSHA PEL	1,800.0	1,000.0	
Propane	ACGIH TWA		2,500.0	

8.3 Personal protection equipment (PPE)**Respiratory protection:**

Respiratory protection is only necessary if long term or high level exposures are likely to occur. A NIOSH approved air purifying respirator equipped with universal multi-contaminant, multi-gas/vapor cartridges and at least P-99 solid/aerosol particulate filters is recommended if overexposure to dusts, mists, or vapors could occur. Alternatively use a positive pressure, air-supplied respirator.

Hand protection:

PVC gloves or neoprene or nitrile rubber gloves .

Eye protection:

Safety glasses with side shields or chemical safety goggles.

Other protective clothing or equipment:

Recommendation: antistatic protective clothing, according to acknowledged standards such as EN 1149 and antistatic working shoes, according to acknowledged standards such as ISO 20345 and ISO 20347. .

8.4 General hygiene and protection measures:

Avoid contact with eyes, skin and clothing. Avoid breathing dust/vapor/mist/gas/aerosol. When handling do not eat, drink, smoke or apply cosmetics. Wash thoroughly after handling.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Property:	Value:	Method:
Physical state.....	liquid	
Form.....	aerosol	
Colour.....	colourless	
Odour.....	neutral	
Odour Threshold.....	no data available	
Melting point.....	not applicable	
Boiling point/boiling range.....	not applicable	
Lower explosion limit.....	1.5 Vol-%	(not specified)
Upper explosion limit.....	10 Vol-%	(not specified)
Flash point.....	-104 °C	(not specified)
Ignition temperature.....	400 °C	(DIN 51794)
Thermal decomposition.....	No decomposition when used according to regulations.	
pH.....	Not applicable. Insoluble in water.	
Viscosity, kinematic.....	exempt	
Viscosity, dynamic.....	exempt	
Water solubility.....	practically insoluble	
Partition coefficient: n-octanol/water.....	not applicable	
Vapour pressure.....	7300 hPa at 50 °C	(not specified)

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

Vapour pressure.....: 2700 hPa at 20 °C (not specified)
 Density: 0.6 g/cm³ (20 °C) (not specified)
 Relative vapour density.....: no data available
 Particle Size Distribution: Not applicable.

9.2 Other information

No data available.

Property:	Value:	Method:
Sustained combustibility.....:	no data available	
Evaporation rate.....:	no data available	
Molecular weight.....:	not applicable	

10. Stability and reactivity**10.1 General information:**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.2 Conditions to avoid

Heat, open flames, and other sources of ignition.

10.3 Materials to avoid

Reacts violently with: strong oxidizing agents . The reaction takes place with the formation of heat to the point of explosion.

10.4 Hazardous decomposition products

If stored and handled properly: none known. The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

10.5 Further information:

Hazardous polymerization cannot occur.

11. Toxicological information**11.1 Information on toxicological effects****11.1.1 General information**

Data derived for the product as a whole are of higher priority than data for single ingredients.

11.1.2 Acute toxicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Acute toxicity estimate (ATE):ATE_{mix} (Oral): > 2000 mg/kg**Data on substances:****Polydimethylsiloxane:**

Exposure routes	Result/Effect
Oral	LD50 > 5000 mg/kg Species: Rat, Source: literature
dermal	LD50 > 2008 mg/kg Species: Rat, Source: literature

11.1.3 Skin corrosion/irritation**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Data on substances:

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

Polydimethylsiloxane:

No skin irritation (Species: Rabbit, Source: literature)

No skin irritation (Species: Voluntary persons, Test system: Human skin patch test, Source: literature)
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11.1.4 Serious eye damage/eye irritation**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Data on substances:**Polydimethylsiloxane:**

No eye irritation (Species: Rabbit, Source: literature)
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11.1.5 Respiratory or skin sensitization**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Data on substances:**Polydimethylsiloxane:**

Exposure routes	Result
Skin contact	Does not cause skin sensitization. (Species: Guinea pig, Test system: Maximisation Test, Method: OECD 406, Source: literature)

11.1.6 Germ cell mutagenicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

Data on substances:**Polydimethylsiloxane:**

negative (Test system: mutation assay (in vitro) / bacterial cells, Method: OECD 471, Source: literature)
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11.1.7 Carcinogenicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.8 Reproductive toxicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.9 Specific target organ toxicity - single exposure**Assessment:**

Vapours may be narcotising.

11.1.10 Specific target organ toxicity - repeated exposure**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.11 Aspiration hazard**Assessment:**

In case an aspiration hazard is based on ingredients, this can be seen from the classification and labeling of the whole product.

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

11.1.12 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Data on substances:**Polydimethylsiloxane:**

No data available.

11.1.13 Further toxicological information

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Other information: None known.

12. Ecological information**12.1 Toxicity****Assessment:**

For the product as a whole, no test data is available.

Data on substances:

Data derived for the product as a whole are of higher priority than data for single ingredients.

Polydimethyl siloxane:

Based on available data no effects on aquatic organisms that are relevant for classification must be expected for the product up to its limits of water solubility.

Result/Effect	Species/Test system	Source
LL50: > 1000 mg/l (nominal) The effect level is greater than the maximum achievable concentration. The value refers to the water-accommodated fraction (WAF).	static test Fish (96 h)	literature
EC50: > 0.0001 mg/l (measured) The effect level is greater than the maximum achievable concentration. The value refers to the water-accommodated fraction (WAF).	static test Daphnia magna (Water flea) (48 h)	literature
IC50 (Growth rate): > 100000 mg/l (nominal)	Skeletonema costatum (marine diatom) (72 h)	literature
NOEC: > 10000 mg/kg	feeding study Oncorhynchus mykiss (rainbow trout) (28 d)	literature
NOEC (mortality): > 500 mg/kg The exposure to treated sediment did not result in effects.	exposure via sediment Daphnia magna (Water flea) (21 d)	literature
NOEC (Growth): > 500 mg/kg The exposure to treated sediment did not result in effects.	exposure via sediment Daphnia magna (Water flea) (21 d)	literature
NOEC (reproduction rate): > 500 mg/kg The exposure to treated sediment did not result in effects.	exposure via sediment Daphnia magna (Water flea) (21 d)	literature

12.2 Persistence and degradability**Assessment:**

Polymer component: biologically not degradable. Elimination by adsorption to activated sludge.

Data on substances:**Polydimethyl siloxane:**

Not readily biodegradable. Polydimethylsiloxanes are degradable to a certain extent in abiotic processes.

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

12.3 Bioaccumulative potential**Assessment:**

Polymer component: No adverse effects expected.

12.4 Mobility in soil**Assessment:**

Polymer component: insoluble in water.

12.5 Results of PBT and vPvB assessment

PBT assessment

No data available.

vPvB Assessment

No data available.

Data on substances:**Polydimethylsiloxane:**

PBT assessment

No data available.

vPvB Assessment

No data available.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Data on substances:**Polydimethylsiloxane:**

No data available.

12.7 Other adverse effects

none known

13. Disposal considerations**13.1 RCRA Waste Classification:**

D001 (Ignitable)

This classification applies only to the material as it was originally produced.

13.2 Product disposal

Recommendation:

Empty the can completely. Observe local/state/federal regulations.

13.3 Packaging disposal

Recommendation:

Pressurized gas packaging is under pressure, it must not be forced open or heated above 50 °C (122 °F). Only dispose of pressurized gas packaging if completely empty. Do not incinerate empty pressurized gas packaging. Do not pierce, cut or sold uncleaned containers. Containers may be recycled or re-used. Observe local/state/federal regulations.

14. Transport information**14.1 US DOT & CANADA TDG SURFACE**

Valuation: Dangerous Goods

Proper Shipping Name.....: Aerosols, flammable

Class: 2.1

UN no.....: 1950

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

Label: *****AEROSOLS"**
****TL:flammable gas/2**

NAERG Guide.....: 126

14.2 Transport by sea IMDG-Code

Valuation: Dangerous Goods

Class: 2.1

UN no.....: 1950

Proper Shipping Name.....: Aerosols

EmS No.....: F-D, S-U

Marine pollutant.....: no

14.3 Air transport ICAO-TI/IATA-DGR

Valuation: Dangerous Goods

Class: 2.1

UN no.....: 1950

Proper Shipping Name.....: Aerosols, flammable

15. Regulatory information**15.1 U.S. Federal regulations****TSCA inventory status and TSCA information:**

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

TSCA 12(b) Export Notification:

This material does not contain reportable amounts of any TSCA 12(b) listed chemicals.

CERCLA Regulated Chemicals:

This material does not contain any CERCLA regulated chemicals.

SARA 302 EHS Chemicals:

This material does not contain any SARA extremely hazardous substances.

SARA 311/312 Hazard Class:

Flammable (gases, aerosols, liquids, or solids)

SARA 313 Chemicals:

This material does not contain any SARA 313 chemicals above de minimus levels.

HAPS (Hazardous Air Pollutants):

This material does not contain any hazardous air pollutants.

15.2 US State Regulations**US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)**

This material does not contain any chemicals known to the State of California to cause cancer.

This material does not contain any chemicals known to the State of California to cause reproductive effects.

Massachusetts Right To Know

106-97-8 Butane
 74-98-6 Propane

15.3 Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

Japan: **ENCS** (Handbook of Existing and New Chemical Substances):
 This product is listed in, or complies with, the substance inventory.

Australia: **AIIC** (Australian Inventory of Industrial Chemicals):
 This product is listed in, or complies with, the substance inventory.

China.....: **IECSC** (Inventory of Existing Chemical Substances in China):
 This product is listed in, or complies with, the substance inventory.

Canada: **DSL** (Domestic Substance List):
 This product is listed in, or complies with, the substance inventory.

SAFETY DATA SHEET

Material: 70106002

SPRAY AK 200 ML

Version 2.5 (US)

Print Date 06/19/2026

Date of last alteration: 04/04/2026

Philippines.....	: PICCS (Philippine Inventory of Chemicals and Chemical Substances): This product is listed in, or complies with, the substance inventory.
United States of America (USA).....	: TSCA (Toxic Substance Control Act Chemical Substance Inventory): All components of this product are listed as active or are in compliance with the substance inventory.
Taiwan	: TCSI (Taiwan Chemical Substance Inventory): This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation.
European Economic Area (EEA).....	: REACH (Regulation (EC) No 1907/2006): General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.
South Korea (Republic of Korea)	: AREC (Act on Registration and Evaluation of Chemicals; "K-REACH"): Please approach your regular contact for more detailed information.

16. Other information**16.1 Additional information:**

This Safety Data Sheet (SDS) meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee expressed or implied, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents. This SDS provides selected regulatory information on this product, including its components. This is not intended to include all regulations. It is the responsibility of the user to know and comply with all applicable rules, regulations and laws relating to the product being used.

Vertical lines in the left-hand margin indicate changes compared with the previous version.

WACKER restricts the use of its products inside the human body or in contact with bodily fluids and mucosa. For further details please review our Health Care Policy on www.wacker.com. WACKER may cancel any delivery obligation(s) if the Health Care Policy is not observed.

16.2 Glossary of Terms:

ACGIH - American Conference of Governmental Industrial Hygienists
DOT - Department of Transportation
hPa - Hectopascals
mPa*s - Milli Pascal-Seconds
OSHA - Occupational Safety and Health Administration
PEL - Permissible Exposure Limit

ppm - Parts per Million
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average

Flash point determination methods	Common name
ASTM D56.....	Tagliabue (Tag) closed cup
ASTM D92, DIN 51376, ISO 2592	Cleveland open cup
ASTM D93, DIN 51758, ISO 2719	Pensky-Martens closed cup
ASTM D3278, DIN 55680, ISO 3679	Setaflash or Rapid closed cup
DIN 51755.....	Abel-Pensky closed cup

16.3 Conversion table:

Pressure:.....: 1 hPa * 0.75 = 1 mm Hg = 1 torr; 1 bar = 1000 hPa
Viscosity:.....: 1 mPa*s = 1 centipoise (cP)