

**MOWILITH LDM 7728 (DE)**

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	04-18-2025	300010000561	Date of first issue: 04-18-2025

**SECTION 1. IDENTIFICATION**

Product name : MOWILITH LDM 7728 (DE)

Product code : 000000000021055099

**Manufacturer or supplier's details**

Company name of supplier : Celanese Sales U.S. Ltd.

Address : 222 West Las Colinas Boulevard Suite 900N  
Irving TX 75039

Telephone : '+1 972-443-4000

Emergency telephone : DOMESTIC NORTH AMERICA: 800-424-9300  
number INTERNATIONAL, CALL +1 703-527-3887 (collect calls  
accepted)**Recommended use of the chemical and restrictions on use**

Recommended use : Industrial use

**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Not a hazardous substance or mixture.

**Other hazards**

None known.

**GHS label elements**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : Water-borne polymer emulsion.

**Components**

Chemical name	CAS No./Unique ID	Concentration (% w/w)	Trade secret
methanol	67-56-1*	$\geq 0.1 - \leq 1$	-

\* Indicates that the identifier is a CAS No.

**SECTION 4. FIRST AID MEASURES**

General advice : Remove contaminated, soaked clothing immediately and

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dispose of safely  
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : Treat symptomatically.

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**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Foam  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)  
Water spray

Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.

Do not allow run-off from fire fighting to enter drains or water courses.

Further information : The product itself does not burn.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, : Avoid contact with the skin and the eyes.

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protective equipment and  
emergency procedures

Environmental precautions : Do not allow material to contaminate ground water system.  
Do not flush into surface water or sanitary sewer system.

Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform  
respective authorities.

Methods and materials for : Wipe up with absorbent material (e.g. cloth, fleece).  
containment and cleaning up : Keep in suitable, closed containers for disposal.

**SECTION 7. HANDLING AND STORAGE**

Advice on protection against : Normal measures for preventive fire protection.  
fire and explosion

Advice on safe handling : Avoid inhalation of vapour or mist.  
Container may be opened only under exhaust ventilation  
hood.

For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the  
application area.

Conditions for safe storage : Protect from frost  
Agitate before use  
Keep at temperatures between 5°C and 35°C (40°F and 95°F)  
To maintain product quality, do not store in heat or direct  
sunlight.  
Keep tightly closed in a dry and cool place.

Containers which are opened must be carefully resealed and  
kept upright to prevent leakage.  
Electrical installations / working materials must comply with  
the technological safety standards.

Materials to avoid : No materials to be especially mentioned.

Further information on : No decomposition if stored and applied as directed.  
storage stability

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
methanol	67-56-1	TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH

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		TWA	200 ppm 260 mg/m <sup>3</sup>	NIOSH REL
		ST	250 ppm 325 mg/m <sup>3</sup>	NIOSH REL
		TWA	200 ppm 260 mg/m <sup>3</sup>	OSHA Z-1
		STEL	250 ppm 325 mg/m <sup>3</sup>	OSHA P0
		TWA	200 ppm 260 mg/m <sup>3</sup>	OSHA P0

## Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
methanol	67-56-1	Methanol	Urine	End of shift (As soon as possible after exposure ceases)	15 mg/l	ACGIH BEI

## Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

## Hand protection

Material : Nitrile rubber  
Break through time : > 480 min  
Glove thickness : 0.4 mm  
Guideline : Protective gloves complying with EN 374.  
Manufacturer : Class 6

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : Take off all contaminated clothing immediately.  
Wash hands before breaks and at the end of workday.  
General industrial hygiene practice.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

pH : 8.0 - 9.0  
Method: ISO 976

Melting point/ range : ca. 32 °F / 0 °C  
(1,013 hPa)

Boiling point/boiling range : ca. 212 °F / 100 °C (1,013 hPa)

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Flash point	:	boils before flash
Flammability (solid, gas)	:	The product is not flammable.
Vapour pressure	:	24 hPa (68 °F / 20 °C)
Solubility(ies)	:	
Water solubility	:	miscible
Viscosity	:	
Viscosity, dynamic	:	300 - 3,000 mPa.s
		Method: Brookfield Viscosimeter

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	:	Protect from frost.  No data available
Incompatible materials	:	Water-reactive substances  Not applicable
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified due to lack of data.

**Product:**

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 200 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method

**Components:****methanol:**

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- Acute oral toxicity : Acute toxicity estimate: 100 mg/kg  
Assessment: The component/mixture is toxic after single ingestion.  
Remarks: central nervous system effects  
narcosis  
eye effects
- Acute inhalation toxicity : Acute toxicity estimate: 3 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Assessment: The component/mixture is toxic after short term inhalation.  
Remarks: central nervous system effects  
narcosis  
eye effects
- Acute dermal toxicity : Acute toxicity estimate: 300 mg/kg  
Assessment: The component/mixture is toxic after single contact with skin.  
Remarks: central nervous system effects  
narcosis  
eye effects

**Skin corrosion/irritation**

Not classified due to lack of data.

**Components:****methanol:**

Species	: Rabbit
Assessment	: No skin irritation
Result	: No skin irritation

**Serious eye damage/eye irritation**

Not classified due to lack of data.

**Components:****methanol:**

Species	: Rabbit
Result	: Slight or no eye irritation
Assessment	: No eye irritation
Remarks	: Slight irritation observed but insufficient to warrant classification

**Respiratory or skin sensitisation****Skin sensitisation**

Not classified due to lack of data.

**Respiratory sensitisation**

Not classified due to lack of data.

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**Components:****methanol:**

Test Type	:	Maximisation Test
Species	:	Guinea pig
Assessment	:	Does not cause skin sensitisation.
Result	:	Does not cause skin sensitisation.

**Germ cell mutagenicity**

Not classified due to lack of data.

**Components:****methanol:**

Germ cell mutagenicity - Assessment	:	Weight of evidence does not support classification as a germ cell mutagen., Animal testing did not show any mutagenic effects., Genetic damage in cultured mammalian cells was observed in some laboratory tests but not in others., Did not cause genetic damage in cultured mammalian cells.
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**Carcinogenicity**

Not classified due to lack of data.

**Components:****methanol:**

Carcinogenicity - Assessment	:	Not classifiable as a human carcinogen., Overall weight of evidence indicates that the substance is not carcinogenic.
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<b>IARC</b>	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.
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<b>OSHA</b>	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
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<b>NTP</b>	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.
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**Reproductive toxicity**

Not classified due to lack of data.

**Components:****methanol:**

Reproductive toxicity - Assessment	:	No toxicity to reproduction, Evidence suggests the substance is not a reproductive toxin in animals. Evidence suggests the substance is not a developmental toxin in animals.
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**STOT - single exposure**

Not classified due to lack of data.

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**Components:****methanol:**

Exposure routes	:	Oral
Target Organs	:	Eyes, Central nervous system
Assessment	:	The substance or mixture is classified as specific target organ toxicant, single exposure, category 1.

**STOT - repeated exposure**

Not classified due to lack of data.

**Components:****methanol:**

Assessment	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
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**Repeated dose toxicity****Components:****methanol:**

Species	:	Monkey
Application Route	:	Inhalation
Test atmosphere	:	vapour
Exposure time	:	29 Months
Remarks	:	No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification.

**Aspiration toxicity**

Not classified due to lack of data.

**Components:****methanol:**

No aspiration toxicity classification

**Further information****Product:**

Remarks	:	No data available
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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****methanol:**

Toxicity to fish	:	LC50 (Lepomis macrochirus (Bluegill sunfish)): 15,400 mg/l Exposure time: 96 h
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Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 18,260 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : LC50 (Selenastrum capricornutum (green algae)): 22,000 mg/l  
Exposure time: 96 h

Toxicity to fish (Chronic toxicity) : NOEC (Pimephales promelas (fathead minnow)): 446 mg/l  
Exposure time: 28 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 208 mg/l  
Exposure time: 21 d

**Ecotoxicology Assessment**

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

**Persistence and degradability****Components:****methanol:**

Biodegradability : Result: Biodegradable  
Remarks: Readily biodegradable.

**Bioaccumulative potential****Components:****methanol:**

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: -0.77 (68 °F / 20 °C)

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.

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**Global warming potential**

**Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)**

**Components:****octamethylcyclotetrasiloxane:**

20-year global warming potential: 2.66

100-year global warming potential: 0.739

500-year global warming potential: 0.211

Atmospheric lifetime: 0.027 yr

Radiative efficiency: 0.12 Wm<sup>2</sup>ppb

Further information: Miscellaneous compounds

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.

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**SECTION 14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to IMO instruments**

Not applicable for product as supplied.

**National Regulations****49 CFR**

Not regulated as a dangerous good

**Special precautions for user**

Not applicable

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**SECTION 15. REGULATORY INFORMATION****SARA 304 Extremely Hazardous Substances Reportable Quantity**

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

**SARA 302 Extremely Hazardous Substances Threshold Planning Quantity**

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : No SARA Hazards

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**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop. 65**

WARNING: This product can expose you to chemicals including styrene, formaldehyde, which is/are known to the State of California to cause cancer, and methanol, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**SECTION 16. OTHER INFORMATION****Full text of other abbreviations**

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI	: ACGIH - Biological Exposure Indices (BEI)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA P0	: USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / TWA	: 8-hour, time-weighted average
ACGIH / STEL	: Short-term exposure limit
NIOSH REL / TWA	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST	: STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA	: 8-hour time weighted average
OSHA P0 / STEL	: Short-term exposure limit
OSHA Z-1 / TWA	: 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical

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Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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