

MOWILITH LDM 7728 (S)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	04-18-2025	000000033870	Date of first issue: 04-18-2025

SECTION 1. IDENTIFICATION

Product name : MOWILITH LDM 7728 (S)

Product code : 000000000021039652

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 number	: DOMESTIC NORTH AMERICA: 800-424-9300 INTERNATIONAL, CALL +1 703-527-3887 (collect calls accepted)

Recommended use of the chemical and restrictions on use

Recommended use : For industrial use only.

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

Chemical nature : Water-borne polymer emulsion.

Components

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

* Indicates that the identifier is a CAS No.

TSC- the actual concentration or concentration range is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	: 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.

MOWILITH LDM 7728 (S)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	04-18-2025	000000033870	Date of first issue: 04-18-2025

Most important symptoms and effects, both acute and delayed	:	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Notes to physician	:	None known.
	:	Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Specific hazards during fire-fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Further information	:	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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions	:	Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Conditions for safe storage	:	Electrical installations / working materials must comply with the technological safety standards. Protect from frost To maintain product quality, do not store in heat or direct sunlight. Agitate before use Keep tightly closed in a dry and cool place. Keep at temperatures between 5°C and 35°C (40°F and 95°F) 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.
Further information on storage conditions	:	Store in a cool place- Protect from freezing
Materials to avoid	:	No materials to be especially mentioned.

MOWILITH LDM 7728 (S)

Version 1.0 Revision Date: 04-18-2025 SDS Number: 000000033870 Date of last issue: -
Date of first issue: 04-18-2025

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

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
		TWA	200 ppm 260 mg/m ³	NIOSH REL
		ST	250 ppm 325 mg/m ³	NIOSH REL
		TWA	200 ppm 260 mg/m ³	OSHA Z-1
		STEL	250 ppm 325 mg/m ³	OSHA P0
		TWA	200 ppm 260 mg/m ³	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
 Manufacturer : Class 6

Eye protection : Safety glasses
 Skin and body protection : Protective suit
 Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
 Colour : white
 Odour : slight

MOWILITH LDM 7728 (S)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	04-18-2025	000000033870	Date of first issue: 04-18-2025

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)
Flash point	:	boils before flash
Flammability (solid, gas)	:	The product is not flammable.
Vapour pressure	:	24 hPa (68 °F / 20 °C)
Density	:	0.97 - 1.07 g/cm ³ (77 °F / 25 °C) Method: ISO 2811-3
Solubility(ies) Water solubility	:	miscible
Viscosity Viscosity, dynamic	:	300 - 3,000 mPa.s Method: Brookfield Viscosimeter

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	:	No data available
Incompatible materials	:	Water-reactive substances Not applicable
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

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

MOWILITH LDM 7728 (S)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	04-18-2025	000000033870	Date of first issue: 04-18-2025

Components:

:

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:

:

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

Serious eye damage/eye irritation

Not classified due to lack of data.

Components:

:

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.

MOWILITH LDM 7728 (S)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	04-18-2025	000000033870	Date of first issue: 04-18-2025

Components:

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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:

:

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:

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Carcinogenicity - Assessment	:	Not classifiable as a human carcinogen., Overall weight of evidence indicates that the substance is not carcinogenic.
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IARC 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.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP 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.

Reproductive toxicity

Not classified due to lack of data.

Components:

:

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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Version	Revision Date:	SDS Number:	Date of last issue: -
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Components:

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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:

:

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

:

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:

:

No aspiration toxicity classification

Further information**Product:**

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

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Toxicity to fish	:	LC50 (Lepomis macrochirus (Bluegill sunfish)): 15,400 mg/l Exposure time: 96 h
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Version	Revision Date:	SDS Number:	Date of last issue: -
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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**Product:**

Biodegradability : Result: Not readily biodegradable.

Components:

:

Biodegradability : Result: Biodegradable
Remarks: Readily biodegradable.

Bioaccumulative potential**Components:**

:

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.

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

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**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.

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

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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 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; TECL - 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

Revision Date : 04-18-2025

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