

Safety Data Sheet

NULONL90

Replaces date: 22/02/2024

Revision date: 21/02/2025

Version: 1.1.0

SECTION 1: Identification

1.1. GHS Product identifier

Trade name: NULONL90

1.2. Recommended use of the chemical and restrictions on use

Recommended uses: Lubricant.

1.3. Supplier's details

Supplier

Company: Mouldpro ApS
Address: Baltorpbakken 10
Zip code: 2750
City: Ballerup
Country: DENMARK
Email: sales@mouldpro.com
Phone: +45 70 20 31 31
Homepage: www.mouldpro.com

1.4. Emergency phone Number

+ 45 70 20 31 31 (Mouldpro)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification: Skin irritation, Category 2;H315
Eye irritation, Category 2/2A;H319
Hazardous to the aquatic environment, long-term (Chronic), Category 3;H412

Most serious harmful effects: Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

Safety Data Sheet

NULONL90

Replaces date: 22/02/2024

Revision date: 21/02/2025

Version: 1.1.0

2.2. GHS label elements, including precautionary statements

Pictograms



Signal word: Warning

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P280 Wear protective gloves/eye protection/face protection.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+313 If skin irritation occurs: Get medical advice/attention.
P337+313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local regulation.

2.3. Other hazards which do not result in classification

Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	Concentration	Notes
Amines, C11-14-branched alkyl, compounds with dihexyl phosphate and monoethyl phosphate	80939-62-4	< 10 %	
propylene carbonate	108-32-7	< 1 %	
Oleylsarkosin	110-25-8	< 1 %	
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	< 1 %	

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

Inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

Skin contact: Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

Eye contact: Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.

Burns: Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.

Safety Data Sheet

NULONL90

Replaces date: 22/02/2024

Revision date: 21/02/2025

Version: 1.1.0

General: Bring the safety data sheet or label when seeking medical advice.

4.2. Most important symptoms/effects, acute and delayed

Irritating to eyes. Causes a burning sensation and tearing. Irritating to skin - may cause reddening.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptoms. No special immediate treatment required.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media: Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media: Do not use a jet of water, as it may spread the fire.

5.2. Specific hazards arising from the chemical

The product decomposes when combusted and the following toxic gases can be formed: Nitrous gases/ Carbon monoxide and carbon dioxide.

5.3. Special protective actions for fire-fighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Provide good ventilation. Stay upwind/keep distance from source. Stop leak if this can be done without risk. Wear safety goggles. Wear gloves. Wear respiratory protective equipment.

For emergency responders: In addition to the above: Protective suit is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and materials for containment and cleaning up

Contain and absorb spills using sand or other absorbent, non-combustible material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment.

See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Work under effective process ventilation (e.g. local exhaust ventilation).

7.2. Conditions for safe storage, including any incompatibilities

To be stored safely out of reach of children and not together with food, feed, medicine and the like. Do not expose to heat (e.g. sunlight). Keep in tightly closed original packaging. Store in a cool, dry place. Do not store with the following: Strong acids/ Strong alkalis/ Strong oxidizers/ Strong reducing agents. Storage temperature: 15 - 25 °C.

Safety Data Sheet

NULONL90

Replaces date: 22/02/2024

Revision date: 21/02/2025

Version: 1.1.0

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements.

Measuring methods: Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles.

Personal protective equipment, hand protection: Wear gloves. Type of material: Nitrile rubber. Breakthrough time has not been determined for the product. Change gloves often.
The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

Personal protective equipment, respiratory protection: Light use (small volume, short term contact (below 10 min.)): Not required.
Medium use (medium volume, medium contact (1-2 hours)): Wear respiratory protective equipment. Filter type: A

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
Physical state	Paste
Color	No data
Odour	Characteristic
Solubility	Insoluble in the following: Water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Boiling point or initial boiling point and boiling range	No data	
Flammability	No data	
Lower and upper flammability limit	No data	
Lower and upper explosion limit	No data	
Flash Point	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	

Safety Data Sheet

NULONL90

Replaces date: 22/02/2024

Revision date: 21/02/2025

Version: 1.1.0

Partition coefficient n-octanol/water (log value)	No data	
Vapour pressure	No data	
Density	No data	
Relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong acids/ Strong alkalis/ Strong oxidizers/ Strong reducing agents.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight).

10.5. Incompatible materials

Strong acids/ Strong alkalis/ Strong oxidizers/ Strong reducing agents.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Nitrous gases/ Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on health hazard classes

Acute toxicity - oral

Amines, C11-14-branched alkyl, compounds with dihexyl phosphate and monohexyl phosphate, cas-no 80939-62-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg bw			

propylene carbonate, cas-no 108-32-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg bw			

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol , cas-no 95-38-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		~ 1000 mg/kg bw			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. Ingestion may cause discomfort.

Acute toxicity - dermal

Amines, C11-14-branched alkyl, compounds with dihexyl phosphate and monohexyl phosphate, cas-no

Safety Data Sheet

NULONL90

Replaces date: 22/02/2024

Revision date: 21/02/2025

Version: 1.1.0

80939-62-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 2000 mg/kg bw			

propylene carbonate, cas-no 108-32-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		≥ 2000 mg/kg bw			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation: The product does not have to be classified. Test data are not available.

Skin corrosion/irritation: Irritating to skin - may cause reddening.

Serious eye damage/eye irritation: Irritating to eyes. Causes a burning sensation and tearing.

Respiratory sensitization or skin sensitization: The product does not have to be classified. Test data are not available.

Germ cell mutagenicity: The product does not have to be classified. Test data are not available.

Carcinogenic properties: The product does not have to be classified. Test data are not available.

Reproductive toxicity: The product does not have to be classified. Test data are not available.

Single STOT exposure: The product does not have to be classified. Test data are not available.

Repeated STOT exposure: The product does not have to be classified. Test data are not available.

Aspiration hazard: The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

Amines, C11-14-branched alkyl, compounds with dihexyl phosphate and monohexyl phosphate, cas-no 80939-62-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Crustacea			48hLC50	> 1 mg/l			
Algae			72hEC50	7.1 mg/l			

propylene carbonate, cas-no 108-32-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish			96hEC50	> 1000 mg/l			
Crustacea			48hEC50	> 1000 mg/l			

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol , cas-no 95-38-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish			96hLC50	0.3 mg/l			
Crustacea			48hEC50	0.163 mg/l			
Algae			72hEC50	0.03 mg/l			

Safety Data Sheet

NULONL90

Replaces date: 22/02/2024

Revision date: 21/02/2025

Version: 1.1.0

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Amines, C11-14-branched alkyl, compounds with dihexyl phosphate and monohexyl phosphate, cas-no 80939-62-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28 d		13 %	Not readily biodegradable.	OECD 301 F	

propylene carbonate, cas-no 108-32-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		29 d		87.7 %		OECD 301 B	

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol , cas-no 95-38-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28 d		1 %	Not readily biodegradable.	OECD 301 B	

Not expected to be biodegradable.

12.3. Bioaccumulative potential

Amines, C11-14-branched alkyl, compounds with dihexyl phosphate and monohexyl phosphate, cas-no 80939-62-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Kow	1.2 - 2.3			

No bioaccumulation expected. Test data are not available for all substances.

12.4. Mobility in soil

Test data are not available. Not expected to be mobile in soil.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

14.1. UN number: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group, if applicable: Not applicable.

14.5. Environmental hazards: Not applicable.

14.6. Special precautions for user

None.

Safety Data Sheet

NULONL90

Replaces date: 22/02/2024

Revision date: 21/02/2025

Version: 1.1.0

14.7. Transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

Special Provisions: None.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.1.0	21/02/2025	DOL	13,16

Abbreviations:

PBT: Persistent, Bioaccumulative and Toxic
STOT: Specific Target Organ Toxicity
vPvB: Very Persistent and Very Bioaccumulative

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with GHS Rev. 10 (2023).

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method: Calculation based on the hazards of the known components. Test data.

SDS is prepared by

Company: Bureau Veritas Solutions Denmark A/S
Address: Oldenborggade 25-31
Zip code: 7000
City: Fredericia
Country: DENMARK
Email: solutions-dk@bureauveritas.com
Phone: +45 77 31 10 00
Homepage: www.bureauveritas.dk

Country: UN