



Material Safety Data Sheets

**Salmonella/Listeria Monocytogenes Nucleic Acid Dual
Detection Kit**



Salmonella/Listeria Monocytogenes Nucleic Acid Dual Detection Kit (Fluorescence PCR Method)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 11/11/2024 Revision date: 11/11/2024 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : Salmonella/Listeria Monocytogenes Nucleic Acid Dual Detection Kit (Fluorescence PCR Method)

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : This test is used for qualitative detection of Salmonella and Listeria Monocytogenes nucleic acid

1.2.2. Uses advised against

Restrictions on use : No information available

1.3. Details of the supplier of the safety data sheet

Supplier

Suzhou TianLong Biotechnology Co., Ltd.
Building NE-33, Nanopolis, No.99 Jinjihu Avenue, Suzhou Industrial Park,
China (Jiangsu) Pilot Free Trade Zone, 215123, Suzhou, PEOPLE'S
REPUBLIC OF CHINA
215123
T 0512-62525631 - F 0512-62956337
inquiry@medtl.com

Importer

1.4. Emergency telephone number

Emergency number : +86 512-62527726

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) : None
Signal word (CLP) : None
Hazard statements (CLP) : None.
Precautionary statements (CLP) : None.

2.3. Other hazards

Other hazards which do not result in classification : No information available.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting

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properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

Component	
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-(9016-45-9)	The substance is included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	CAS-No.: 7732-18-5 EC-No.: 231-791-2	≥ 50 – ≤ 85	Not classified
1,2,3-Propanetriol	CAS-No.: 56-81-5 EC-No.: 200-289-5	≥ 0.5 – ≤ 3	Not classified
Nucleotidyltransferase, deoxyribonucleate	CAS-No.: 9012-90-2 EC-No.: 232-741-2	≥ 0.5 – ≤ 2	Not classified
UNG enzyme	/	≥ 0.5 – ≤ 2	Not classified
Primers and probes	/	≥ 0.05 – ≤ 2	Not classified
Potassium chloride	CAS-No.: 7447-40-7 EC-No.: 231-211-8	≥ 0.05 – ≤ 0.2	Not classified
Magnesium chloride	CAS-No.: 7786-30-3 EC-No.: 232-094-6	≥ 0.05 – ≤ 0.2	Not classified
Sodium chloride	CAS-No.: 7647-14-5 EC-No.: 231-598-3	≥ 0.05 – ≤ 0.2	Not classified
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- substance listed as REACH Candidate (4-Nonylphenol, branched and linear, ethoxylated) substance listed in REACH Annex XIV (4-Nonylphenol, branched and linear, ethoxylated (substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof))	CAS-No.: 9016-45-9 EC-No.: 500-024-6	≥ 0.05 – ≤ 0.2	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Plasmid	/	≥ 0.0005 – ≤ 0.005	Not classified
2,3-Butanediol, 1,4-dimercapto-, (R,R)-(+/-)-	CAS-No.: 27565-41-9 EC-No.: 248-531-9	0.05 – 0.2	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Polyoxyethylene sorbitan monolaurate	CAS-No.: 9005-64-5	0.05 – 0.2	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
	EC-No.: 500-018-3		
2'-Deoxyadenosine 5'-(tetrahydrogen triphosphate)	CAS-No.: 1927-31-7 EC-No.: 217-662-3	≥ 0.01 – ≤ 0.1	Not classified
Thymidine 5'-(tetrahydrogen triphosphate)	CAS-No.: 365-08-2 EC-No.: 206-669-7	≥ 0.01 – ≤ 0.1	Not classified
Cytidine 5'-(tetrahydrogen triphosphate), 2'-deoxy-	CAS-No.: 2056-98-6 EC-No.: 218-153-9	≥ 0.01 – ≤ 0.1	Not classified
2'-Deoxyguanosine 5'-(tetrahydrogen triphosphate)	CAS-No.: 2564-35-4 EC-No.: 219-887-2	≥ 0.01 – ≤ 0.1	Not classified
dUTP	/	≥ 0.01 – ≤ 0.1	Not classified
1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, hydrochloride	CAS-No.: 1185-53-1 EC-No.: 214-684-5	≥ 0.01 – ≤ 0.05	Not classified
Ethylenediaminetetraacetic acid	CAS-No.: 60-00-4 EC-No.: 200-449-4 EC Index-No.: 607-429-00-8	≥ 0.01 – ≤ 0.05	Eye Irrit. 2, H319

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

Incompatible materials : No information available.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

1,2,3-Propanetriol (56-81-5)	
Belgium - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (mist)
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	10 mg/m ³
Czech Republic - Occupational Exposure Limits	
PEL (OEL TWA)	10 mg/m ³
Estonia - Occupational Exposure Limits	
OEL TWA	10 mg/m ³

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1,2,3-Propanetriol (56-81-5)	
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	20 mg/m ³
France - Occupational Exposure Limits	
VME (OEL TWA)	10 mg/m ³ (aerosol)
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	200 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
Greece - Occupational Exposure Limits	
OEL TWA	10 mg/m ³
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	10 mg/m ³ (inhalable fraction)
Portugal - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (mist)
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	11 mg/m ³
Slovenia - Occupational Exposure Limits	
OEL TWA	200 mg/m ³ (inhalable fraction)
OEL STEL	400 mg/m ³ (inhalable fraction)
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	10 mg/m ³ (mist)
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m ³ (mist)
WEL STEL (OEL STEL)	30 mg/m ³ (calculated-mist)
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	50 mg/m ³ (inhalable dust)
KZGW (OEL STEL)	100 mg/m ³ (inhalable dust)
Potassium chloride (7447-40-7)	
Bulgaria - Occupational Exposure Limits	
OEL TWA	5 mg/m ³
Latvia - Occupational Exposure Limits	
OEL TWA	5 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	5 mg/m ³
Sodium chloride (7647-14-5)	
Latvia - Occupational Exposure Limits	
OEL TWA	5 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	5 mg/m ³

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8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: colourless
Appearance	: Colorless
Odour	: Characteristics.
Odour threshold	: Not available
Melting point	: Not applicable.
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Non flammable.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available

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pH	: 7 – 8
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle characteristics	: Not applicable.

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Water (7732-18-5)	
LD50 oral rat	> 90 ml/kg
1,2,3-Propanetriol (56-81-5)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	> 10 g/kg
LC50 Inhalation - Rat	> 2.75 mg/l/4h

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Potassium chloride (7447-40-7)

LD50 oral rat	2600 mg/kg
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Magnesium chloride (7786-30-3)

LD50 oral rat	2800 mg/kg
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LD50 dermal rat	> 2000 mg/kg
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Sodium chloride (7647-14-5)

LD50 oral rat	3 g/kg
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LD50 dermal rabbit	> 10000 mg/kg
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LC50 Inhalation - Rat	> 42 mg/l (Exposure time: 1 h)
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Ethylenediaminetetraacetic acid (60-00-4)

LD50 oral rat	> 2000 mg/kg
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Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- (9016-45-9)

LD50 oral rat	2590 mg/kg
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LD50 dermal rabbit	1780 µl/kg
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Ethylenediaminetetraacetic acid (60-00-4)

pH	2.8 – 3
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Ethylenediaminetetraacetic acid (60-00-4)

pH	2.8 – 3
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute)

: Not classified

Hazardous to the aquatic environment, long-term (chronic)

: Not classified

1,2,3-Propanetriol (56-81-5)

LC50 - Fish [1]	51 – 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
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Potassium chloride (7447-40-7)

LC50 - Fish [1]	1060 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
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Potassium chloride (7447-40-7)

LC50 - Fish [2]	750 – 1020 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	825 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	83 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 72h - Algae [1]	2500 mg/l (Species: Desmodesmus subspicatus)

Magnesium chloride (7786-30-3)

LC50 - Fish [1]	1970 – 3880 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	140 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 72h - Algae [1]	> 82.7 mg/l (Species: Pseudokirchneriella subcapitata)

Sodium chloride (7647-14-5)

LC50 - Fish [1]	5560 – 6080 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
LC50 - Fish [2]	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [1]	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	340.7 – 469.2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Ethylenediaminetetraacetic acid (60-00-4)

LC50 - Fish [1]	34 – 62 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 - Fish [2]	44.2 – 76.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	113 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 72h - Algae [1]	1.01 mg/l (Species: Desmodesmus subspicatus)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

1,2,3-Propanetriol (56-81-5)

BCF - Fish [1]	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-1.75 (at 25 °C (at pH 7.4))

1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, hydrochloride (1185-53-1)

Partition coefficient n-octanol/water (Log Pow)	-3.6 (at 20 °C (at pH >=5-<=7))
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Sodium chloride (7647-14-5)

BCF - Fish [1]	(no bioaccumulation)
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Ethylenediaminetetraacetic acid (60-00-4)

Partition coefficient n-octanol/water (Log Kow)	-3.86 (25°C)
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Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- (9016-45-9)

Partition coefficient n-octanol/water (Log Pow)	3.7 (at 25 °C)
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12.4. Mobility in soil

No additional information available

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12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Component

Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-(9016-45-9)	The substance is identified for having endocrine disrupting properties but there is no additional data available
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12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

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Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions

REACH Annex XIV (Authorisation List)

Contains REACH Annex XIV substances: 4-Nonylphenol, branched and linear, ethoxylated (EC 500-024-6, CAS 9016-45-9)

REACH Candidate List (SVHC)

Contains a substance on the REACH candidate list: 4-Nonylphenol, branched and linear, ethoxylated (EC 500-024-6, CAS 9016-45-9)

PIC Regulation (Prior Informed Consent)

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals: Nonylphenol, ethoxylated (9016-45-9)

POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Not applicable.

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
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Abbreviations and acronyms:

ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Version : 1.0
Issue date : 11/11/2024
Revision date : 11/11/2024
Data sources : ECHA reference. Loli.
Training advice : Normal use of this product shall imply use in accordance with the instructions on the

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Other information packaging.
: No information available.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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