

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

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

1.1 Product identifier

Trade name : NOWA CLEAN
UFI : 3T68-J08Q-W00R-CKX9

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

Use of the Substance/Mixture : Cleaning agent
Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Company : Tana Chemie GmbH
Rheinallee 96
55120 Mainz
Telephone : +49613196403
Telefax : +4961319642526
E-mail address : Produktsicherheit@werner-mertz.com
Responsible/issuing person
Contact person : Product development / product safety

1.4 Emergency telephone

EU: 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin corrosion, Category 1 H314: Causes severe skin burns and eye damage.

Serious eye damage, Category 1 H318: Causes serious eye damage.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H314 Causes severe skin burns and eye damage.

Precautionary Statements : P102 Keep out of reach of children.

Prevention:
P260 Do not breathe spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P310

Disposal:

P501

Dispose of container into the collection of recyclables only when it is completely empty.

Hazardous ingredients which must be listed on the label:
sodium hydroxide

Safety data sheet available on request.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: 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.

Toxicological information: 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.

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Aqueous surfactant solution.

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
tetrapotassium pyrophosphate	7320-34-5 230-785-7 01-2119489369-18	Eye Irrit. 2; H319	>= 5 - < 10
sodium etasulfate	126-92-1 204-812-8 01-2119971586-23	Skin Irrit. 2; H315 Eye Dam. 1; H318 specific concentration limit Eye Irrit. 2; H319 10 - < 20 % Eye Dam. 1; H318 >= 20 %	>= 1 - < 3
tetrapotassium pyrophosphate	7320-34-5	Eye Irrit. 2; H319	>= 5 - < 10

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Werner & Mertz
Professional

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

	230-785-7 01-2119489369-18		
sodium etasulfate	126-92-1 204-812-8 01-2119971586-23	Skin Irrit. 2; H315 Eye Dam. 1; H318 <hr/> specific concentration limit Eye Irrit. 2; H319 10 - < 20 % Eye Dam. 1; H318 >= 20 %	>= 1 - < 2
sodium hydroxide	1310-73-2 215-185-5 011-002-00-6 01-2119457892-27	Met. Corr. 1; H290 Skin Corr. 1A; H314 Eye Dam. 1; H318 <hr/> specific concentration limit Skin Corr. 1A; H314 >= 5 % Skin Corr. 1B; H314 2 - < 5 % Skin Irrit. 2; H315 0,5 - < 2 % Eye Irrit. 2; H319 0,5 - < 2 %	< 1

SECTION 4: First aid measures

4.1 Description of first-aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this material safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
Protect unharmed eye.
Continue rinsing eyes during transport to hospital.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : corrosive effects

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

Risks : Irritation
: No information available.
Causes serious eye damage.
Causes severe burns.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

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

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
Evacuate personnel to safe areas.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Neutralize with acid.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Avoid formation of aerosol.
 Avoid contact with skin and eyes.
 For personal protection see section 8.
 Smoking, eating and drinking should be prohibited in the application area.
 To avoid spills during handling keep bottle on a metal tray.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke.
 Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store at room temperature in the original container.
- Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

- Specific use(s) : Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Routes of exposure	Potential health effects	Value
tetrapotassium pyrophosphate	Workers	Inhalation	Long-term systemic effects	2,79 mg/m3
	Consumers	Inhalation	Long-term systemic effects	0,68 mg/m3
	Consumers	Ingestion	Long-term systemic effects	> 70 mg/kg
sodium etasulfate	Workers	Inhalation	Long-term systemic	285 mg/m3

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

			effects	
	Workers	Skin contact	Long-term systemic effects	4060 mg/kg bw/day
	Consumers	Ingestion	Long-term systemic effects	24 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	85 mg/m3
	Consumers	Skin contact	Long-term systemic effects	2440 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
tetrapotassium pyrophosphate	Fresh water	0,05 mg/l
	Sea water	0,005 mg/l
	STP	50 mg/l
	intermittent release	0,5 mg/l
sodium etasulfate	Fresh water	0,1357 mg/l
	Sea water	0,0136 mg/l
	Fresh water sediment	1,5 mg/kg
	Sea sediment	0,15 mg/kg
	STP	1,35 mg/l
	Soil	0,22 mg/kg

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Tightly fitting safety goggles

Hand protection

Material : Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

conditions (mechanical strain, duration of contact).

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Remove and wash contaminated clothing before re-use.

Respiratory protection : Not required; except in case of aerosol formation.

Recommended Filter type:

ABEK-P3-filter

Ensure adequate ventilation, especially in confined areas.

Not required; except in case of aerosol formation.

Recommended Filter type:

ABEK-P3-filter

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: Aqueous solution
Color	: gold
Odor	: characteristic
Melting point/freezing point	: No data available
Boiling point/boiling range	: No information available.
Flammability (solid, gas)	: No data available
Flammability (liquids)	: Not classified as supporting combustion according to the transport regulations.
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flash point	: does not flash
Ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: ca. 13,3, 100 %

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

at 20 °C

Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Water solubility	: completely soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Vapor pressure	: No data available
Density	: ca. 1,100 g/cm ³ at 20 °C
Relative density	: No data available
Relative vapor density	: No data available
Particle characteristics	: No data available

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.
No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.
No decomposition if used as directed.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No hazardous decomposition products are known.
No hazardous decomposition products are known.

SECTION 11: Toxicological information

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

Our company is strongly against animal testing.
Our company does not place any orders for animal testing for the finished product or the ingredients.

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

However, as a result of EU legislation (REACH Regulation), the manufacturers of ingredients or EU importers are obliged to test ingredients with regard to their effects on human health and the environment before they are brought onto the market. Some of the tests made necessary by this took place decades ago.

Acute toxicity

Not classified due to lack of data.

Acute toxicity : Not Rated

Components:

tetrapotassium pyrophosphate

7320-34-5:

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg
LD50 (Mouse): > 2.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 1,1 mg/l
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rabbit): > 7.940 mg/kg
LD50 Dermal (Rabbit): > 2.000 mg/kg
Method: OECD Test Guideline 402

sodium etasulfate

126-92-1:

Acute oral toxicity : LD50 Oral (Rat, male and female): 2.840 mg/kg

Acute dermal toxicity : LD50 Dermal (Rat, male and female): > 2.000 mg/kg

tetrapotassium pyrophosphate

7320-34-5:

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg
LD50 (Mouse): > 2.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 1,1 mg/l
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rabbit): > 7.940 mg/kg
LD50 Dermal (Rabbit): > 2.000 mg/kg
Method: OECD Test Guideline 402

sodium etasulfate

126-92-1:

Acute oral toxicity : LD50 Oral (Rat, male and female): 2.840 mg/kg

Acute dermal toxicity : LD50 Dermal (Rat, male and female): > 2.000 mg/kg

sodium hydroxide

1310-73-2:

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

Acute oral toxicity : LD50 Oral (Rat): 2.000 mg/kg

Skin corrosion/irritation

Causes severe burns.

Product:

Remarks : Extremely corrosive and destructive to tissue.

Components:

tetrapotassium pyrophosphate

7320-34-5:

| Result : Mild skin irritation

| Result : No skin irritation

sodium etasulfate

126-92-1:

| Species : Rabbit

| Result : Skin irritation

tetrapotassium pyrophosphate

7320-34-5:

| Result : Mild skin irritation

| Result : No skin irritation

sodium etasulfate

126-92-1:

| Species : Rabbit

| Result : Skin irritation

sodium hydroxide

1310-73-2:

Result : Corrosive

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

Components:

tetrapotassium pyrophosphate

7320-34-5:

| Result : Eye irritation

sodium etasulfate

126-92-1:

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

Species : Rabbit
Result : Eye irritation

tetrapotassium pyrophosphate

7320-34-5:

Result : Eye irritation

sodium etasulfate

126-92-1:

Species : Rabbit
Result : Eye irritation

sodium hydroxide

1310-73-2:

Result : Corrosive

Respiratory or skin sensitization

Skin sensitization

Not classified due to lack of data.

Respiratory sensitization

Not classified due to lack of data.

Product:

Remarks : No data available

Germ cell mutagenicity

Not classified due to lack of data.

Germ cell mutagenicity : Not Rated

Carcinogenicity

Not classified due to lack of data.

Carcinogenicity : Not Rated

Reproductive toxicity

Not classified due to lack of data.

Reproductive toxicity : Not Rated

STOT-single exposure

Not classified due to lack of data.

STOT-single exposure : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT-repeated exposure

Not classified due to lack of data.

STOT-repeated exposure : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

Aspiration toxicity

Not classified due to lack of data.

Aspiration toxicity : Not Rated

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : 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.

Further information

Product:

Remarks : No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

tetrapotassium pyrophosphate

7320-34-5:

Toxicity to fish	:	LC0 (Leuciscus idus (Golden orfe)): > 750 mg/l Exposure time: 48 h LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	ErC50 : > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 NOEC : > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to microorganisms	:	(activated sludge): > 1.000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209
Toxicity to fish (Chronic toxicity)	:	100 mg/l Exposure time: 96 h Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 203

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

sodium etasulfate

126-92-1:

Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): > 100 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia): > 100 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h
Toxicity to microorganisms	:	EC50 (activated sludge): > 100 mg/l Exposure time: 3 h
Toxicity to fish (Chronic toxicity)	:	NOEC: \geq 1.357 mg/l Exposure time: 42 d Species: Pimephales promelas (fathead minnow)

tetrapotassium pyrophosphate

7320-34-5:

Toxicity to fish	:	LC0 (Leuciscus idus (Golden orfe)): > 750 mg/l Exposure time: 48 h LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	ErC50 : > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 NOEC : > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to microorganisms	:	(activated sludge): > 1.000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209
Toxicity to fish (Chronic toxicity)	:	100 mg/l Exposure time: 96 h Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 203

sodium etasulfate

126-92-1:

Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): > 100 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia): > 100 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

- Toxicity to microorganisms : EC50 (activated sludge): > 100 mg/l
Exposure time: 3 h
- Toxicity to fish (Chronic toxicity) : NOEC: >= 1.357 mg/l
Exposure time: 42 d
Species: Pimephales promelas (fathead minnow)

sodium hydroxide

1310-73-2:

- Toxicity to fish : LC50 (Fish): 33 - 189 mg/l
Exposure time: 96 h
- LC50 (Gambusia affinis (Mosquito fish)): 125 mg/l
Exposure time: 96 h
- LC50 (Poecilia reticulata (guppy)): 76 mg/l
Exposure time: 24 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia): 40,4 mg/l
- EC50 (Daphnia magna (Water flea)): 76 mg/l
Exposure time: 24 h
- EC50 (Ceriodaphnia (water flea)): 40,4 mg/l
Exposure time: 48 h
Test Type: Immobilization
- Toxicity to microorganisms : EC50 (Photobacterium phosphoreum): 22 mg/l
Exposure time: 15 min

12.2 Persistence and degradability

Product:

- Biodegradability : Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Components:

tetrapotassium pyrophosphate

7320-34-5:

- Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

sodium etasulfate

126-92-1:

- Biodegradability : Biodegradation: > 60 %
Exposure time: 14 d
Method: OECD 301 D
Remarks: The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
- Biodegradation: 89 %

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Werner & Mertz
Professional

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

Exposure time: 28 d
Method: OECD 301 B

Biochemical Oxygen Demand (BOD) : 342 mg/g
Incubation time: 5 d
Method: see user defined free text

Chemical Oxygen Demand (COD) : 578 mg/g
Method: DIN 38409-H-41

tetrapotassium pyrophosphate

7320-34-5:

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

sodium etasulfate

126-92-1:

Biodegradability : Biodegradation: > 60 %
Exposure time: 14 d
Method: OECD 301 D
Remarks: The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Biodegradation: 89 %
Exposure time: 28 d
Method: OECD 301 B

Biochemical Oxygen Demand (BOD) : 342 mg/g
Incubation time: 5 d
Method: see user defined free text

Chemical Oxygen Demand (COD) : 578 mg/g
Method: DIN 38409-H-41

sodium hydroxide

1310-73-2:

Biodegradability : Result: Biodegradable
Remarks: The methods for determining the biological degradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential

Components:

tetrapotassium pyrophosphate

7320-34-5:

Bioaccumulation : Remarks: Does not bioaccumulate.

7320-34-5:

Bioaccumulation : Remarks: Does not bioaccumulate.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Werner & Mertz
Professional

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

sodium hydroxide

1310-73-2:

Bioaccumulation

: Species: Fish

Remarks: No bioaccumulation is to be expected (log Pow <= 4).

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment

: 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.

12.7 Other adverse effects

Product:

Additional ecological information : There is no data available for this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

: Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
In accordance with local and national regulations.

Contaminated packaging

: Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

Waste Code

European Waste Catalog
20 01 29*

According to the European Waste Catalog, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

14.1 UN number or ID number

ADR : 1760

IMDG : 1760

IATA : 1760

14.2 UN proper shipping name

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Werner & Mertz
Professional

NOWA CLEAN

WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

ADR : CORROSIVE LIQUID, N.O.S.
(sodium hydroxide)

IMDG : CORROSIVE LIQUID, N.O.S.
(sodium hydroxide)

IATA : Corrosive liquid, n.o.s.

14.3 Transport hazard class(es)

ADR : 8

IMDG : 8

IATA : 8

14.4 Packing group

ADR

Classification Code : C9

Packaging group : II

Hazard Identification Number : 80

Labels : 8

Tunnel restriction code : (E)

IMDG

Packaging group : II

Labels : 8

EmS Number : F-A, S-B

IATA

(Cargo) : Corrosive liquid, n.o.s.

Packaging group : II

Labels : 8

14.5 Environmental hazards

ADR

Environmentally hazardous : no

IMDG

Marine pollutant : no

IATA

Environmentally hazardous : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

For personal protection see section 8.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : See Annex XVII to Regulation (EC) no 1907/2006 for Conditions of restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : 1310-73-2
5989-27-5
5392-40-5

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



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WM 1112856

Order number: 0712856

Version 7.0

Revision Date 21.01.2026

Print Date 11.03.2026

	106-24-1
	See Annex XVII to Regulation (EC) no 1907/2006 for Conditions of restriction
Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	: Not applicable
	: Directive 96/82/EC does not apply
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.	: Not applicable
TA Luft List (Germany)	: Total dust: Not applicable : Inorganic substances in powdered form: Not applicable : Inorganic substances in gaseous form: Not applicable : Organic Substances: : portionClass 1: < 0,01 % : Carcinogenic substance: Not applicable : Quartz fine dust PM4: Not applicable : Formaldehyde: Not applicable : fibers: Not applicable : Germ cell mutagens: Not applicable : Substances toxic to reproduction: Not applicable : Poorly degradable, easily enrichable and highly toxic organic substances: Not applicable
Volatile organic compounds (VOC) content	: Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control) Update: Percent volatile: 0,04 %
according to Detergents Regulation EC 648/2004	: 5 - <15% phosphates, <5% anionic surfactants, non-ionic surfactants, perfumes, LIMONENE

15.2 Chemical Safety Assessment

There is no data available for this product.

SECTION 16: Other information

Full text of H-Statements

H290	: May be corrosive to metals.
H314	: Causes severe skin burns and eye damage.
H315	: Causes skin irritation.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.

Full text of other abbreviations

Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Met. Corr.	: Corrosive to Metals
Skin Corr.	: Skin corrosion
Skin Irrit.	: Skin irritation

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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; 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; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; 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 Organization 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; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Skin Corr. 1 H314
Eye Dam. 1 H318

Classification procedure:

Based on product data or assessment
Based on product data or assessment

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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