

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

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

1.1 Product identifier

Trade name : SANET pools
UFI : 4SFA-10T8-J002-GTUV

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 number

EU: 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Corrosive to metals, Category 1 H290: May be corrosive to metals.

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

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements : P102 Keep out of reach of children.

Prevention:
P280

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

SAFETY DATA SHEET

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



Werner & Mertz
Professional

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

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 components which must be listed on the label:

Phosphoric acid

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)
Citric acid	77-92-9 201-069-1 607-750-00-3 01-2119457026-42	STOT SE 3; H335 Eye Irrit. 2; H319	>= 10 - < 15
Phosphoric acid	7664-38-2 231-633-2 015-011-00-6 01-2119485924-24	Skin Corr. 1B; H314 Met. Corr. 1; H290 Acute Tox. 4; H302 Eye Dam. 1; H318 specific concentration limit Skin Corr. 1B; H314 >= 25 % Skin Irrit. 2; H315	>= 5 - < 10

SAFETY DATA SHEET

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



Werner & Mertz
Professional

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

		10 - < 25 % Eye Irrit. 2; H319 10 - < 25 %	
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6 270-407-8931-534-0 01-2119513401-57	Skin Irrit. 2; H315 Eye Dam. 1; H318 <hr/> specific concentration limit Skin Irrit. 2; H315 >= 5 % Eye Irrit. 2; H319 > 5 - 38 % Eye Dam. 1; H318 > 38 %	>= 5 - < 10

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- 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
- Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

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

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

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 firefighting : 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 firefighters : 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 chalk, alkali solution or ammonia.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

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 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.

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

Dispose of rinse water in accordance with local and national regulations.

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

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
orthophosphoric acid, orthophosphoric acid (Solution)	Not Assigned	TWA	1 mg/m ³	2000/39/EC
	Further information: Indicative			
		STEL	2 mg/m ³	2000/39/EC
	Further information: Indicative			

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

Substance name	End Use	Exposure routes	Potential health effects	Value
orthophosphoric acid, orthophosphoric acid (Solution)	Workers	Inhalation	Long-term local effects	1 mg/m ³
	Consumers	Inhalation	Long-term local effects	0,36 mg/m ³
	Workers	Inhalation	Acute local effects	2 mg/m ³

SAFETY DATA SHEET

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



Werner & Mertz
Professional

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

	Workers	Inhalation	Long-term systemic effects	10,7 mg/m ³
	Consumers	Inhalation	Long-term systemic effects	4,57 mg/m ³
	Consumers	Skin contact	Long-term systemic effects	0,1 mg/kg
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Workers	Skin contact	Long-term exposure, Systemic effects	2158,33 mg/kg
	Workers	Inhalation	Long-term exposure, Systemic effects	152,22 mg/m ³
	Consumers	Skin contact	Long-term exposure, Systemic effects	1295 mg/kg
	Consumers	Inhalation	Long-term exposure, Systemic effects	45,04 mg/m ³
	Consumers	Ingestion	Long-term exposure, Systemic effects	12,95 mg/kg

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

Substance name	Environmental Compartment	Value
Citric acid, citric acid	Fresh water	0,44 mg/l
	Marine water	0,044 mg/l
	STP	> 1000 mg/l
	Fresh water sediment	34,6 mg/kg
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Marine sediment	3,46 mg/kg
	Soil	33,1 mg/kg
	Fresh water	0,042 mg/l
	Marine water	0,0042 mg/l
	Fresh water sediment	2,025 mg/l
	Marine sediment	0,2025 mg/l
	Soil	0,0061 mg/l

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

	STP	4 mg/l
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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 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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid

Colour : blue green

Odour : characteristic

Melting point/freezing point : No data available

Boiling point/boiling range : No information available.

Flammability (solid, gas) : No data available

Flammability (liquids) : No data available

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

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	: < 0,7, 100 % at 20 °C
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n- octanol/water	: No data available
Vapour pressure	: No data available
Density	: ca. 1,10 g/cm ³ at 20 °C
Relative density	: No data available
Relative vapour 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.

SAFETY DATA SHEET

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



Werner & Mertz
Professional

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

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.

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

Acute toxicity : Not Rated

Components:

Citric acid

77-92-9:

Acute oral toxicity : LD50 Oral (Mouse): 5.400 mg/kg
Method: OECD Test Guideline 401

LD50 Oral (Rat): > 2.000 mg/kg
Method: OECD Test Guideline 402

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

Phosphoric acid

7664-38-2:

Acute oral toxicity : LD50 Oral (Rat): 2.600 mg/kg

LD50 Oral (Rat): 1.250 mg/kg

Acute inhalation toxicity : LC50 (Rat): 0,21 mg/l
Exposure time: 4 h

LC50 (Rat): 850 mg/l
Exposure time: 2 h

Acute dermal toxicity : LD50 (Rabbit): 2.740 mg/kg

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 52 mg/l
Exposure time: 4 h
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rabbit): 6.300 mg/kg
Method: OECD Test Guideline 402

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

Skin corrosion/irritation

Product:

Remarks : Extremely corrosive and destructive to tissue.

Components:

Phosphoric acid

7664-38-2:

Species : Rabbit
Exposure time : 24 h
Result : Corrosive

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

Species : Rabbit
Method : OECD Test Guideline 404
Result : Irritating to skin.

Serious eye damage/eye irritation

Product:

Remarks : May cause irreversible eye damage.

Components:

Citric acid

77-92-9:

Result : Eye irritation

Phosphoric acid

7664-38-2:

Species : Rabbit
Result : Corrosive

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

Species : Rabbit
Method : OECD Test Guideline 405
Result : Risk of serious damage to eyes.

Respiratory or skin sensitisation

Product:

Remarks : No data available

Components:

Citric acid

77-92-9:

Result : Does not cause skin sensitisation.

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

Species : Guinea pig
Method : OECD Test Guideline 406
Result : Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity : Not Rated

Carcinogenicity : Not Rated

Reproductive toxicity : Not Rated

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

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

Repeated dose toxicity

Components:

Citric acid

77-92-9:

Species : Rat
NOAEL : 4.000 mg/kg
LOAEL : 8.000 mg/kg
Application Route : Oral
Exposure time : 10 d

Phosphoric acid

7664-38-2:

Species : Rat
NOAEL : 250 mg/kg
Application Route : Oral
Method : OECD 422

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

Species : Rat
NOAEL : 259 mg/kg
Application Route : Dermal
Exposure time : 2 Years

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

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

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:

Citric acid, citric acid

77-92-9:

Toxicity to fish	:	LC50 (<i>Leuciscus idus</i> (Golden orfe)): 440 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (<i>Daphnia magna</i> (Water flea)): 1.535 mg/l Exposure time: 24 h Test Type: static test EC50 (<i>Daphnia magna</i> (Water flea)): ca. 120 mg/l Exposure time: 72 h
Toxicity to algae/aquatic plants	:	NOEC (<i>Scenedesmus quadricauda</i> (Green algae)): 425 mg/l Exposure time: 8 Days Test Type: static test
Toxicity to microorganisms	:	(<i>Pseudomonas putida</i>): > 10.000 mg/l Exposure time: 16 h

orthophosphoric acid, orthophosphoric acid (Solution)

7664-38-2:

Toxicity to fish	:	LC0 (<i>Gambusia affinis</i> (Mosquito fish)): 138 mg/l Exposure time: 96 h LC50 (<i>Lepomis macrochirus</i> (Bluegill sunfish)): 3 - 3,25 mg/l Exposure time: 96 h LC50 (<i>Lepomis macrochirus</i> (Bluegill sunfish)): 98 - 106 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (<i>Daphnia</i> (water flea)): 100 - 1.000 mg/l Exposure time: 96 h EC50 (<i>Daphnia magna</i> (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (<i>Desmodesmus subspicatus</i> (green algae)): > 100 mg/l Exposure time: 72 h Test Type: static test

SAFETY DATA SHEET

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



Werner & Mertz
Professional

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

	Method: OECD Test Guideline 201
	NOEC (Desmodesmus subspicatus (green algae)): 100 mg/l
	Exposure time: 72 h
	Test Type: static test
	Method: OECD Test Guideline 201
Toxicity to microorganisms	: EC50 (activated sludge): 270 mg/l
	EC50 (activated sludge): > 1.000 mg/l
	Exposure time: 3 h
	Method: OECD Test Guideline 209

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

Toxicity to fish	: LC50 (Danio rerio (zebra fish)): 4,2 mg/l
	Exposure time: 96 h
	Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: (Daphnia magna (Water flea)): 4,53 mg/l
	Exposure time: 48 h
	Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	: (Skeletonema costatum (marine diatom)): 5,2 mg/l
	Exposure time: 72 h
	Method: OECD Test Guideline 201
Toxicity to microorganisms	: EC50 (Bacteria): 230 mg/l
	Method: OECD Test Guideline 209
Sediment toxicity	: 2025 mg/l
	Duration: 10 d

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.
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Components:

Citric acid, citric acid

77-92-9:

Biodegradability	: Result: Readily biodegradable.
	Biodegradation: 97 %
	Exposure time: 28 d
	Method: OECD 301 B
	Result: Readily biodegradable.
	Biodegradation: 100 %
	Exposure time: 19 d
	Method: OECD 301 E
Biochemical Oxygen Demand (BOD)	: 526 mg/g
Chemical Oxygen Demand (COD)	: 728 mg/g

SAFETY DATA SHEET

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



Werner & Mertz
Professional

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

ThOD : 0,75 g/g

orthophosphoric acid, orthophosphoric acid (Solution)

7664-38-2:

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

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

Biodegradability : Result: rapidly biodegradable
Biodegradation: > 80 %
Method: OECD 301 B
Remarks: According to the results of tests of biodegradability this product is considered as being readily biodegradable.

Chemical Oxygen Demand (COD) : 790 mg/g

Dissolved organic carbon (DOC) : 190 mg/g

12.3 Bioaccumulative potential

Components:

Citric acid, citric acid

77-92-9:

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

orthophosphoric acid, orthophosphoric acid (Solution)

7664-38-2:

Partition coefficient: n-octanol/water : log Pow: -0,77

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.

Components:

Citric acid, citric acid

77-92-9:

Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).. This substance is not considered to be very persistent and very bioaccumulating (vPvB).

orthophosphoric acid, orthophosphoric acid (Solution)

7664-38-2:

Assessment : This substance is not considered to be very persistent and very

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

bioaccumulating (vPvB).. This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

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 Catalogue
20 01 29*
According to the European Waste Catalogue, 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

ADR : CORROSIVE LIQUID, N.O.S.
(phosphoric acid)

IMDG : CORROSIVE LIQUID, N.O.S.
(Phosphoric acid)

IATA : Corrosive liquid, n.o.s.

14.3 Transport hazard class(es)

ADR : 8
IMDG : 8
IATA : 8

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

14.4 Packing group

ADR

Classification Code : C9
Packaging group : III
Hazard Identification Number : 80
Labels : 8
Tunnel restriction code : (E)

IMDG

Packaging group : III
Labels : 8
EmS Number : F-A, S-B

IATA

(Cargo) : Corrosive liquid, n.o.s.
Packaging group : III
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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

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

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 vapour or gaseous form: Not applicable
: Organic Substances: : portionClass 1: 11,93 %
: Carcinogenic substances: Not applicable
: Mutagenic: Not applicable

SAFETY DATA SHEET

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



Werner & Mertz
Professional

SANET pools

WM 0713135

Order number: 0713135

Version 5.0

Revision Date 09.09.2025

Print Date 11.03.2026

- : Toxic to reproduction: Not applicable
- Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Update: Percent volatile: 0,03 %
1,76 g/l
VOC content excluding water
- Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Update: Percent volatile: 0,03 %
0,33 g/l
VOC content valid only for coating materials used on wood surfaces
- according to Detergents Regulation EC 648/2004 : 5 - <15% anionic surfactants, perfumes

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.
H302 : Harmful if swallowed.
H314 : Causes severe skin burns and eye damage.
H315 : Causes skin irritation.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H335 : May cause respiratory irritation.

Full text of other abbreviations

- Acute Tox. : Acute toxicity
Eye Dam. : Serious eye damage
Eye Irrit. : Eye irritation
Met. Corr. : Corrosive to metals
Skin Corr. : Skin corrosion
Skin Irrit. : Skin irritation
STOT SE : Specific target organ toxicity - single exposure
2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
2000/39/EC / TWA : Limit Value - eight hours
2000/39/EC / STEL : Short term exposure limit

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;

SAFETY DATA SHEET

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



Werner & Mertz
Professional

SANET pools

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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:

Met. Corr. 1	H290
Skin Corr. 1	H314

Classification procedure:

On basis of test data.
Calculation method

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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