

## SANET BR 75

WM 1204792

Order number: 0404792

Version 13.0

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 : SANET BR 75  
UFI : 0E78-303H-2007-000R

#### 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)

Eye irritation, Category 2 H319: Causes serious eye irritation.  
Skin irritation, Category 2 H315: Causes skin irritation.  
Corrosive to Metals, Category 1 H290: May be corrosive to metals.

#### 2.2 Label elements

##### Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal Word : Warning  
Hazard Statements : H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H290 May be corrosive to metals.  
Precautionary Statements : P102 Keep out of reach of children.

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



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### Prevention:

P260 Do not breathe spray.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.

### Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

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)
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 10 - < 25 % Eye Irrit. 2; H319 10 - < 25 %	≥ 20 - < 25
Alcohols, C13-15, branched and linear, ethoxylated	157627-86-6 500-337-8	Acute Tox. 4; H302 Eye Dam. 1; H318 Aquatic Chronic 3;	≥ 3 - < 5

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		H412 specific concentration limit Eye Dam. 1; H318 > 10 %	
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3 270-115-0 01-2119489428-22	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 1 - < 2,5

### 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.  
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  
Irritation
- 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.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local

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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.

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## 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.

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## 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.  
Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire : Normal measures for preventive fire protection.

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and explosion

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 <sup>3</sup>	2000/39/EC
	Further information: Indicative			
		STEL	2 mg/m <sup>3</sup>	2000/39/EC
	Further information: Indicative			

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

Substance name	End Use	Routes of exposure	Potential health effects	Value
orthophosphoric acid, orthophosphoric acid (Solution)	Workers	Inhalation	Long-term local effects	1 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term local effects	0,36 mg/m <sup>3</sup>
	Workers	Inhalation	Acute local effects	2 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term systemic effects	10,7 mg/m <sup>3</sup>

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	Consumers	Inhalation	Long-term systemic effects	4,57 mg/m <sup>3</sup>
	Consumers	Skin contact	Long-term systemic effects	0,1 mg/kg
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Workers	Skin contact	Long-term systemic effects	170 mg/kg
	Workers	Inhalation	Long-term systemic effects	12 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term local effects	12 mg/m <sup>3</sup>
	Consumers	Skin contact	Long-term systemic effects	85 mg/kg
	Consumers	Inhalation	Long-term systemic effects	3 mg/m <sup>3</sup>
	Consumers	Ingestion	Long-term systemic effects	0,85 mg/kg
	Consumers	Inhalation	Long-term local effects	3 mg/m <sup>3</sup>
	Workers	Dermal	Chronic effects	85 mg/kg
	Workers	Inhalation	Chronic effects	6 mg/m <sup>3</sup>
	Consumers	Dermal	Chronic effects	42,5 mg/kg
	Consumers	Inhalation	Chronic effects	1,5 mg/m <sup>3</sup>
	Consumers	Oral	Chronic effects	0,425 mg/kg

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

Substance name	Environmental Compartment	Value
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Fresh water	0,268 mg/l
	Sea water	0,0268 mg/l
	Fresh water sediment	8,1 mg/kg
	Sea sediment	8,1 mg/kg
	Soil	35 mg/kg
	intermittent release	0,0167 mg/l
	STP	3,43 mg/l

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### **8.2 Exposure controls**

#### **Personal protective equipment**

Eye/face protection : If splashes are likely to occur, wear:  
Tightly fitting safety goggles

Hand protection

Material : For prolonged or repeated contact use protective gloves.  
It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.  
As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.

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.  
not required under normal use

Respiratory protection : Not required; except in case of aerosol formation.  
Recommended Filter type:  
ABEK-P3-filter

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## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Physical state : liquid  
Color : blue green  
Odor : characteristic

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Melting point/freezing point	: No data available
Boiling point/boiling range	: No data available
Flammability (solid, gas)	: No data available
Flammability (liquids)	: No data available
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. 0,5, 100 % at 20 °C
Viscosity, dynamic	: 95 mPa.s at 20 °C
Viscosity, kinematic	: No data available
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n- octanol/water	: No data available
Vapor pressure	: No data available
Density	: ca. 1,149 g/cm <sup>3</sup> 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

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Materials to avoid : No data available

### 10.6 Hazardous decomposition products

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.

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

##### Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg  
Method: Calculation method

##### Components:

#### 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

#### Alcohols, C13-15, branched and linear, ethoxylated

##### **157627-86-6:**

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg  
LD50 Oral (Rat): 300 - 5.000 mg/kg

#### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

##### **68411-30-3:**

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 401  
Test substance: see user defined free text  
Target Organs: Gastrointestinal tract  
Symptoms: Diarrhea, Drowsiness, Breathing difficulties  
LD50 (Rat, male and female): 1.080 mg/kg  
Method: OECD Test Guideline 401

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

### 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

##### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

###### 68411-30-3:

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : irritating

### Serious eye damage/eye irritation

#### Product:

Remarks : May cause irreversible eye damage.  
Causes serious eye irritation.

#### Components:

##### Phosphoric acid

###### 7664-38-2:

Species : Rabbit  
Result : Corrosive

##### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

###### 68411-30-3:

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

### Respiratory or skin sensitization

#### Product:

Remarks : No data available

#### Components:

##### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

###### 68411-30-3:

Test Type : Maximization Test  
Species : Guinea pig

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Method	:	OECD Test Guideline 406
Result	:	Did not cause sensitization 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.
<b>STOT-repeated exposure</b>		
STOT-repeated exposure	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

### Components:

#### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts**

##### **68411-30-3:**

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

#### Components:

##### **Phosphoric acid**

##### **7664-38-2:**

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

##### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts**

##### **68411-30-3:**

Species	:	Rat
NOAEL	:	125 mg/kg
LOAEL	:	250 mg/kg
Application Route	:	Oral
Exposure time	:	28 d
Target Organs	:	Blood, Liver, Heart
Symptoms	:	Diarrhea

Species	:	Rat
NOAEL	:	40 mg/kg
LOAEL	:	115 mg/kg
Application Route	:	Oral
Exposure time	:	180 d
Target Organs	:	Blood, Kidney
Symptoms	:	Diarrhea

Species	:	Rat
NOAEL	:	85 mg/kg

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LOAEL : 145 mg/kg  
Application Route : Oral  
Exposure time : 270 d  
Target Organs : Blood  
  
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

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### orthophosphoric acid, orthophosphoric acid (Solution)

##### **7664-38-2:**

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

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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

### Alcohols, C13-15, branched and linear, ethoxylated, Alcohols, C13-15-branched and linear, ethoxylated (11 EO), Alcohols, C13-15-branched and linear, ethoxylated

#### 157627-86-6:

Toxicity to fish : LC50 (Brachydanio rerio): 1 - 10 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1 - 10 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Scenedesmus subspicatus): 1 - 10 mg/l  
Exposure time: 72 h

Toxicity to microorganisms : EC10 (activated sludge): > 1.000 mg/l

Toxicity to fish (Chronic toxicity) : NOEC: 0,1 - 1 mg/l  
Species: Fish

### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

#### 68411-30-3:

Toxicity to fish : LC50 (Fish): 1,67 mg/l  
Exposure time: 96 h  
Method: OPPTS 850.1500

NOEC (Pimephales promelas (fathead minnow)): 0,63 mg/l  
Exposure time: 196 d

NOEC (Oncorhynchus mykiss (rainbow trout)): 0,23 mg/l  
Exposure time: 72 d

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia): 2,4 mg/l  
Exposure time: 48 h  
Method: Directive 67/548/EEC, Annex V, C.2.

NOEC (Daphnia): > 1,41 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211

EC50 (Daphnia magna (Water flea)): 2,9 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EbC50 (Pseudokirchneriella subcapitata (green algae)): 47,3 mg/l  
Exposure time: 72 h

(Chlorella vulgaris (Fresh water algae)): 3,1 mg/l  
Exposure time: 15 d  
Test Type: static test

EC50 (Pseudokirchneriella subcapitata (green algae)): 29 mg/l  
Exposure time: 96 h

Toxicity to microorganisms : EC50 (Bacteria): 550 mg/l  
Exposure time: 3 h

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	Test Type: Respiration inhibition Method: OECD Test Guideline 209
Toxicity to fish (Chronic toxicity) :	> 0,1 - 1 mg/l Exposure time: 28 d Species: Lepomis macrochirus (Bluegill sunfish)
	NOEC: 0,268 mg/l Exposure time: 96 d Species: Fish
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) :	NOEC: > 1 - 10 mg/l
	NOEC: 2,9 mg/l Exposure time: 32 d
Plant toxicity :	NOEC: 100 mg/kg Species: Sorghum bicolor (sorghum) Method: OECD 208

### 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:

##### **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.

##### **Alcohols, C13-15, branched and linear, ethoxylated, Alcohols, C13-15-branched and linear, ethoxylated (11 EO), Alcohols, C13-15-branched and linear, ethoxylated**

###### **157627-86-6:**

Biodegradability : Result: rapidly biodegradable  
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.

Biochemical Oxygen Demand (BOD) : 390 mg/g

Chemical Oxygen Demand (COD) : 2.060 mg/g

##### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts**

###### **68411-30-3:**

Biodegradability : Test Type: aerobic  
Result: rapidly biodegradable

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Exposure time: 28 d  
Kinetic:  
: > 60 %  
Method: OECD 301 B  
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.

Result: Readily biodegradable.  
Exposure time: 28 d  
Kinetic:  
: 85 %  
Method: OECD 301 B

Result: Readily biodegradable.  
Exposure time: 122 d  
Kinetic:  
: 70 - 99 %

### 12.3 Bioaccumulative potential

#### Components:

##### **orthophosphoric acid, orthophosphoric acid (Solution)**

###### **7664-38-2:**

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

##### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts**

###### **68411-30-3:**

Bioaccumulation : Species: Pimephales promelas (fathead minnow)  
Exposure time: 192 h  
Bioconcentration factor (BCF): 87  
Method: see user defined free text  
Remarks: Does not significantly accumulate in organisms.

### 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:

##### **orthophosphoric acid, orthophosphoric acid (Solution)**

###### **7664-38-2:**

Assessment : Not very persistent and very bioaccumulative (vPvB).. Not persistent, bioaccumulative, and toxic (PBT).

##### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts**

###### **68411-30-3:**

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Assessment : Not persistent, bioaccumulative, and toxic (PBT).. Not very persistent and very bioaccumulative (vPvB).

### 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.

#### Components:

##### 68411-30-3:

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.

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## 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.

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## 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.

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(Phosphoric acid)

**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 : 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

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

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

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of : Not applicable

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major-accident hazards involving dangerous substances.

TA Luft List (Germany) : Total dust: Not applicable  
: Inorganic substances in powdered form: Not applicable  
: Inorganic substances in vapor or gaseous form: Not applicable  
: Organic Substances: : portionClass 1: 0,88 %  
: Carcinogenic substances: Not applicable  
: mutagenic: Not applicable  
: Toxic to reproduction: 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: 0,02 %

according to Detergents Regulation EC 648/2004 : <5% anionic surfactants, non-ionic 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.  
H412 : Harmful to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox. : Acute toxicity  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Eye Dam. : Serious eye damage  
Met. Corr. : Corrosive to Metals  
Skin Corr. : Skin corrosion  
Skin Irrit. : Skin irritation  
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; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory

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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:

Eye Irrit. 2	H319
Skin Irrit. 2	H315
Met. Corr. 1	H290

#### Classification procedure:

On basis of test data.
Calculation method
On basis of test data.

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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