

## SAFETY DATA SHEET

NOVADAN®

Foam 17 T

NOVADAN®

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 27.02.2019

Revision date 12.10.2020

**1.1. Product identifier**

Product name Foam 17 T

UFI D501-40T9-K00G-Y7P7

Article no. 12950, 12951, 12952, 13012

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

Product group Acid Foam cleaing agent.

Main intended use PC-CLN-OTH Other cleaning, care and maintenance products (excludes biocidal products)

Relevant identified uses  
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
SU4 Manufacture of food products  
PC35 Washing and cleaning products (including solvent based products)  
PROC7 Industrial spraying  
PROC11 Non-industrial spraying  
PROC19 Manual activities involving hand contact.  
ERC8A Wide dispersive indoor use of processing aids in open systems

Uses advised against No specific uses advised against are identified.

**1.3. Details of the supplier of the safety data sheet****Producer**

Company name Novadan ApS

Postal address Platinvej 21

Postcode DK-6000

City Kolding

Country Danmark

Telephone number + 45 76 34 84 00

Fax	+ 45 75 50 43 70
Email	<a href="mailto:sds@novadan.dk">sds@novadan.dk</a>
Website	<a href="http://www.novadan.dk">www.novadan.dk</a>

## 1.4. Emergency telephone number

Emergency telephone	Description: UK: NHS: 111 EI: National Poisons Information Centre, 24/7: 01 809 2166
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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Corr. 1C; H314; Calculation method Eye Dam. 1; H318; Calculation method
CLP classification, comments	Classification and marking have been performed on the basis of the product's extreme pH value.
Substance / mixture hazardous properties	For further information, please refer to section 11.
Additional information on classification	The informations stated in this MSDS, applies for the concentrated product. See Sec. 16, for informations regarding recommended user solutions

### 2.2. Label elements

#### Hazard pictograms (CLP)



Composition on the label	Phosphoric acid, Sulphuric acid
Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage.
Precautionary statements	P280 Wear protective gloves / protective clothing / eye protection / face protection. P303+P361+P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor / physician.

### 2.3. Other hazards

Health effect	Corrosive to skin and eyes. May cause permanent damage to the eyes, especially if the product is not washed away IMMEDIATELY. See section 11 for additional information on health hazards.
Environmental effects	Substantial amounts of the product may lead to a local change in acidity in small water systems which may have adverse effects on aquatic organisms. This product does not contain any PBT or vPvB substances.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Phosphoric acid	CAS No.: 7664-38-2 EC No.: 231-633-2 Index No.: 015-011-00-6 REACH Reg. No.: 01-2119485924-24-XXXX	Skin Corr. 1B; H314 Eye Dam. 1; H318 Met. Corr. 1; H290 Acute tox. 4; H302	10 – 25 %	
Sulphuric acid	CAS No.: 7664-93-9 EC No.: 231-639-5 Index No.: 016-020-00-8 REACH Reg. No.: 01-2119458838-20-xxxx	Skin Corr. 1A; H314	1 – 5 %	
Amines, C12-14 (even numbered) – alkyldimethyl, N-oxides	CAS No.: 308062-28-4 EC No.: 931-292-6 REACH Reg. No.: 01-2119490061-47-xxxx	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	1 < 2,5 %	
Substance comments	Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents: <5%: cationic surfactant The full text for all hazard statements is displayed in section 16.			

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	Remove affected person from source of contamination.
Inhalation	Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.
Skin contact	Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if any discomfort continues.
Eye contact	Important! Immediately rinse with water for at least 15 minutes. May cause permanent damage if eye is not immediately irrigated. Make sure to remove any contact lenses from the eyes before rinsing. Immediately transport to hospital or eye specialist. Continue flushing during transport to hospital.
Ingestion	Immediately rinse mouth and drink plenty of water. Call an ambulance. Bring along these instructions. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Do not give victim anything to drink if he is unconscious.
Recommended personal protective equipment for first aid responders	Wear necessary protective equipment. For personal protection, see section 8.

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

Acute symptoms and effects	Strongly corrosive. May cause deep tissue damage. Strongly corrosive. Causes severe burns and serious eye damage. Immediate first aid is imperative.
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Delayed symptoms and effects      The etching penetrates deeply into the tissue and is first noticed after a while.

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

Other information

In case of unconsciousness, ingestion or eye contact: Immediately call a doctor / ambulance. Show this safety data sheet.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media      Use fire-extinguishing media appropriate for surrounding materials.

### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards

This product is not flammable. During fire, gases hazardous to health may be formed. Water used for fire extinguishing, which has been in contact with the product, may be corrosive.

### 5.3. Advice for firefighters

Personal protective equipment

Wear necessary protective equipment. For personal protection, see section 8.

Fire fighting procedures

Reference is made to the company fire procedure. If risk of water pollution occurs, notify appropriate authorities. Avoid breathing fire vapours.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures

Look out! The product is corrosive. Use protective gloves, goggles and suitable protective clothing. In case of inadequate ventilation use suitable respirator. For personal protection, see section 8.

### 6.2. Environmental precautions

Environmental precautionary measures

Avoid discharge into water courses or onto the ground. Contact local authorities in case of spillage to drain/aquatic environment.

### 6.3. Methods and material for containment and cleaning up

Cleaning method

Dam and absorb spillage with sand, sawdust or other absorbent. Wash contaminated area with water.

### 6.4. Reference to other sections

Other instructions

See section 8 and section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling

Do not mix with hypochlorite containing products: toxic chlorine vapors may be formed. Use work methods which minimize spreading of vapours, dust, smoke,

aerosols, splashes etc. to the extent technically possible.

## Protective safety measures

Advice on general occupational hygiene

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.  
Eating, smoking and water fountains prohibited in immediate work area.  
Take off contaminated clothing and personal protective equipment before entering an eating area..

## 7.2. Conditions for safe storage, including any incompatibilities

Storage

Store in tightly closed original container. Keep away from food, drink and animal feeding stuffs. Store away from: Chlorine and Alkalis.

## Conditions for safe storage

Storage temperature

Value: -5 – 35 °C

Storage stability

Durability: 36 months.

## 7.3. Specific end use(s)

Specific use(s)

The identified uses for this product are detailed in Section 1.2.

# SECTION 8: Exposure controls / personal protection

## 8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Phosphoric acid	CAS No.: 7664-38-2	Limit value (8 h) : 1 mg/m <sup>3</sup>	TWA Year: 2011
Sulphuric acid	CAS No.: 7664-93-9	Limit value (8 h) : 0,05 mg/m <sup>3</sup>	

## DNEL / PNEC

Substance

Phosphoric acid

DNEL

**Group:** Professional

**Route of exposure:** Lang sigt (gentages) – Indånding – Lokal effekt

**Value:** 1 mg/m<sup>3</sup>

**Group:** Professional

**Route of exposure:** Lang sigt (gentages) – Indånding – Systemisk virkning

**Value:** 10,7 mg/m<sup>3</sup>

**Group:** Professional

**Route of exposure:** Kort sigt (akut) – Indånding – Lokal effekt

**Value:** 2 mg/m<sup>3</sup>

**Group:** Consumer

**Route of exposure:** Lang sigt (gentages) – Oral – Systemisk virkning

**Value:** 0,1 mg/kg bw/d

**Group:** Consumer

**Route of exposure:** Lang sigt (gentages) – Indånding – Systemisk virkning

**Value:** 4,57 mg/m<sup>3</sup>

**Group:** Consumer  
**Route of exposure:** Lang sigt (gentages) – Indånding – Lokal effekt  
**Value:** 0,36 mg/m<sup>3</sup>

Substance

Sulphuric acid

DNEL

**Group:** Professional  
**Route of exposure:** Acute inhalation (local)  
**Value:** 0,1 mg/m<sup>3</sup>

**Group:** Professional  
**Route of exposure:** Long-term inhalation (local)  
**Value:** 0,05 mg/m<sup>3</sup>

PNEC

**Route of exposure:** Freshwater  
**Value:** 0,0025 mg/l

**Route of exposure:** Saltwater  
**Value:** 0,00025 mg/l

**Route of exposure:** Freshwater sediments  
**Value:** 0,002 mg/kg

**Route of exposure:** Saltwater sediments  
**Value:** 0,002 mg/kg

**Route of exposure:** Sewage treatment plant STP  
**Value:** 8,8 mg/l

Substance

Amines, C12-14 (even numbered)– alkyldimethyl, N-oxides

DNEL

**Group:** Professional  
**Route of exposure:** Long-term inhalation (systemic)  
**Value:** 6,2 mg/m<sup>3</sup>

**Group:** Professional  
**Route of exposure:** Long-term dermal (systemic)  
**Value:** 11 mg/kg bw/day

**Group:** Consumer  
**Route of exposure:** Long-term inhalation (systemic)  
**Value:** 1,53 mg/m<sup>3</sup>

**Group:** Consumer  
**Route of exposure:** Long-term dermal (systemic)  
**Value:** 5,5 mg/kg bw/day

**Group:** Consumer  
**Route of exposure:** Long-term oral (systemic)  
**Value:** 0,44 mg/kg bw/day

PNEC

**Route of exposure:** Freshwater  
**Value:** 0,034 mg/l

**Route of exposure:** Saltwater  
**Value:** 0,003 mg/l

**Route of exposure:** Freshwater sediments  
**Value:** 5,24 mg/kg dw

**Route of exposure:** Saltwater sediments

**Value:** 0,524 mg/kg dw

**Route of exposure:** Soil

**Value:** 1,02 mg/kg dw

**Route of exposure:** Sewage treatment plant STP

**Value:** 24 mg/l

**Route of exposure:** Food products

**Value:** 11,1 mg/kg

## 8.2. Exposure controls

### Safety signs



### Precautionary measures to prevent exposure

Technical measures to prevent exposure

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. An eye wash bottle must be available at the work site.

### Eye / face protection

Suitable eye protection

Wear approved safety goggles. EN 166.

### Hand protection

Skin- / hand protection, long term contact

Use protective gloves made of:  
Butyl rubber.  $\geq 0,7$  mm  
Neoprene.  $\geq 0,5$  mm  
EN 374.

Breakthrough time

Value:  $\geq 480$  minute(s)

Hand protection, comments

Manufacturer's directions for use should be observed because of great diversity of types.  
The recommendation is a qualified estimate based on knowledge of the components.

### Skin protection

Additional skin protection measures

Wear apron or protective clothing in case of contact. Wear rubber footwear.

### Respiratory protection

Respiratory protection necessary at

Under normal conditions of use respiration protection should not be required. In case of inadequate ventilation use suitable respirator. Use respiratory equipment with particle filter, type P2. EN 143/EN149.

## Thermal hazards

Thermal hazards See section 5.

## Appropriate environmental exposure control

Environmental exposure controls See section 6.

## SECTION 9: Physical and chemical properties

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

Physical state	Liquid.
Colour	Colourless.
Odour	No characteristic odour.
Odour limit	Comments: Not relevant.
pH	Status: In delivery state Value: < 1,0  Status: In aqueous solution Value: ~ 2,0 Comments: 15°dH Concentration: 2 %  Status: In aqueous solution Value: ~ 1,5 Comments: 15°dH Concentration: 5 %
Melting point / melting range	Comments: Not relevant.
Boiling point / boiling range	Comments: Not relevant.
Flash point	Comments: Not relevant.
Evaporation rate	Comments: Not relevant.
Flammability (solid, gas)	Not relevant.
Explosion limit	Comments: Not relevant.
Vapour pressure	Comments: Not relevant.
Vapour density	Comments: Not relevant.
Bulk density	Value: ~ 1,10 kg/l
Solubility	Comments: Completely soluble in water.
Partition coefficient: n-octanol/ water	Comments: Not relevant.
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: Not relevant.
Viscosity	Value: < 50 mPa s
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.



## 9.2. Other information

### Other physical and chemical properties

Comments No data recorded.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Liberates toxic gases when mixed with chlorine containing products. Reacts with alkalis and generates heat. Reacts strongly with water. Do not add water directly to the product. It may cause a violent reaction. Risk of bumping (splashes).

### 10.4. Conditions to avoid

Conditions to avoid Strong alkalis. Chlorine containing products. Corrodes aluminum and other light metals, as well as zinc, brass, lead, tin, etc.

### 10.5. Incompatible materials

Materials to avoid Alkali-sensitive metals such as aluminium, tin, lead and zinc and alloys with these metals.

### 10.6. Hazardous decomposition products

Hazardous decomposition products During fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) are formed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Substance	Phosphoric acid
Acute toxicity	<p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LD50  <b>Route of exposure:</b> Oral  <b>Value:</b> 1282 mg/kg  <b>Animal test species:</b> Rat  <b>Test reference:</b> OECD 423</p> <p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LD50  <b>Route of exposure:</b> Dermal  <b>Value:</b> 2740 mg/kg  <b>Animal test species:</b> Rabbit</p>

	<b>Type of toxicity:</b> Acute <b>Effect tested:</b> LC50 <b>Route of exposure:</b> Inhalation. <b>Duration:</b> 1h <b>Value:</b> 3846 mg/l <b>Animal test species:</b> Rat
Substance	Sulphuric acid
Acute toxicity	<b>Type of toxicity:</b> Acute <b>Effect tested:</b> LD50 <b>Route of exposure:</b> Oral <b>Value:</b> 2140 mg/kg <b>Animal test species:</b> Mouse.
	<b>Type of toxicity:</b> Acute <b>Effect tested:</b> LC50 <b>Route of exposure:</b> Inhalation. <b>Duration:</b> 4h <b>Value:</b> 0,85 mg/l <b>Animal test species:</b> Mouse.
	<b>Type of toxicity:</b> Acute <b>Effect tested:</b> LC50 <b>Route of exposure:</b> Inhalation. <b>Duration:</b> 4 hour(s) <b>Value:</b> 0,375 mg/l <b>Animal test species:</b> Mouse.
Substance	Amines, C12-14 (even numbered)– alkyldimethyl, N-oxides
Acute toxicity	<b>Effect tested:</b> LD50 <b>Route of exposure:</b> Oral <b>Value:</b> 1064 mg/kg <b>Animal test species:</b> Rat
Other toxicological data	Toxicological tests on the product has not been performed.

### Other information regarding health hazards

Assessment of acute toxicity, classification	No evidence for acute toxicity.
Substance	Phosphoric acid
Skin corrosion / irritation test result	<b>Toxicity type:</b> Skin corrosion <b>Method:</b> Not known. <b>Species:</b> Rabbit. <b>Evaluation result:</b> Corrosive to skin.
Substance	Phosphoric acid
Eye damage or irritation, test results	<b>Toxicity type:</b> Eye damage <b>Method:</b> Not known. <b>Species:</b> Not known. <b>Evaluation result:</b> Result: Corrosive to eyes.
Substance	Phosphoric acid

Respiratory or skin sensitisation	<p><b>Toxicity type:</b> Skin sensitivity  <b>Method:</b> Not known.  <b>Species:</b> Not known.  <b>Evaluation result:</b> Not Sensitising.</p>
Inhalation	Aerosols may be corrosive. Inhalation may cause: Serious damage to the lining of nose, throat and lungs.
Skin contact	Strongly corrosive. May cause deep tissue damage.
Eye contact	Strongly corrosive. Causes severe burns. Immediate first aid is imperative. May cause permanent damage to the eyes, especially if the product is not washed away IMMEDIATELY.
Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach.
Sensitisation	No evidence for respiratory nor skin sensitization.
Assessment of germ cell mutagenicity, classification	No evidence for germ cell mutagenicity.
Assessment of carcinogenicity, classification	No evidence for carcinogenicity.
Assessment of reproductive toxicity, classification	No evidence for reproductive toxicity.
Assessment of specific target organ toxicity - single exposure, classification	No evidence for STOT-single exposure.
Assessment of specific target organ toxicity - repeated exposure, classification	No evidence for STOT-repeated exposure.
Assessment of aspiration hazard, classification	No evidence for aspiration hazard.

### Symptoms of exposure

Endocrine disruption	No evidence for endocrine disrupting properties.
Other information	No specific symptoms noted.

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Phosphoric acid
Aquatic toxicity, fish	<p><b>Value:</b> 98 – 106 mg/l  <b>Test duration:</b> 96h  <b>Species:</b> Lepomis macrochirus  <b>Test reference:</b> Suppliser MSDS</p>
Substance	Sulphuric acid
Aquatic toxicity, fish	<p><b>Value:</b> 42 mg/l  <b>Test duration:</b> 96h  <b>Species:</b> gambusia affinis  <b>Method:</b> LC50  <b>Test reference:</b> Supllier MSDS</p>

Substance	Amines, C12-14 (even numbered)– alkyldimethyl, N-oxides
Aquatic toxicity, fish	<p><b>Toxicity type:</b> Acute  <b>Value:</b> 1,26 mg/l  <b>Exposure time:</b> 96 hour(s)  <b>Species:</b> Oncorhynchus mykiss  <b>Method:</b> LC50, OECD 203</p> <p><b>Toxicity type:</b> Chronic  <b>Value:</b> 0,42 mg/l  <b>Species:</b> Pimephales promelas</p>
Substance	Phosphoric acid
Aquatic toxicity, algae	<p><b>Value:</b> &gt; 100 mg/l  <b>Test duration:</b> 72h  <b>Test reference:</b> Supplier MSDS</p>
Substance	Amines, C12-14 (even numbered)– alkyldimethyl, N-oxides
Aquatic toxicity, algae	<p><b>Toxicity type:</b> Acute  <b>Value:</b> 0,19 mg/l  <b>Test duration:</b> 72 hour(s)  <b>Species:</b> Pseudokirchneriella subcapitata  <b>Method:</b> ErC 50</p> <p><b>Toxicity type:</b> Chronic  <b>Value:</b> 0,067 mg/l  <b>Test duration:</b> 28 day(s)  <b>Species:</b> Periphyton  <b>Method:</b> NOEC</p>
Substance	Phosphoric acid
Aquatic toxicity, crustacean	<p><b>Value:</b> &gt; 100 mg/l  <b>Test duration:</b> 48h  <b>Species:</b> Daphnia Magna  <b>Test reference:</b> Supplier MSDS</p>
Substance	Sulphuric acid
Aquatic toxicity, crustacean	<p><b>Value:</b> 29 mg/l  <b>Test duration:</b> 24h  <b>Species:</b> Daphnia Magna  <b>Method:</b> EC50  <b>Test reference:</b> Supplier MSDS</p>
Substance	Amines, C12-14 (even numbered)– alkyldimethyl, N-oxides
Aquatic toxicity, crustacean	<p><b>Toxicity type:</b> Acute  <b>Value:</b> 2,9 mg/l  <b>Exposure time:</b> 48 hour(s)  <b>Species:</b> Daphnia magna  <b>Method:</b> EC50 OECD TG 202</p> <p><b>Toxicity type:</b> Chronic  <b>Value:</b> 0,70 mg/l  <b>Exposure time:</b> 21 day(s)  <b>Species:</b> Daphnia magna  <b>Method:</b> OECD 211 NOEC</p>

Ecotoxicity	Large amounts of the product may affect the acidity (pH-factor) in water with possible risk of harmful effects to aquatic organisms.
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## 12.2. Persistence and degradability

Persistence and degradability description/evaluation	The product is easily biodegradable.
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Substance	Amines, C12-14 (even numbered)– alkyltrimethyl, N-oxides
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Biodegradability	<b>Value:</b> 80 % <b>Method:</b> ISO 14593 <b>Test period:</b> 28 day(s)
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Chemical oxygen demand (COD)	Value: < 50 mg O <sub>2</sub> /g
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## 12.3. Bioaccumulative potential

Bioaccumulation, evaluation	The product is not bioaccumulating.
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## 12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.
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## 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not Classified as PBT/vPvB by current EU criteria.
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## 12.6. Other adverse effects

Potential endocrine disruptor	Comments: No evidence for endocrine disrupting properties.
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Additional ecological information	For this product no classification is required for environmental hazards.
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# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements. -
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Appropriate methods of disposal for the contaminated packaging	Dispose unused product and the packaging in accordance with local requirements.
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EWC waste code	EWC waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics Classified as hazardous waste: Yes
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EWL packing	EWC waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics Classified as hazardous waste: Yes
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Other information	When handling waste, consideration should be made to the safety precautions applying to handling of the product. Waste code applies to product remnants in pure form.
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## SECTION 14: Transport information

Dangerous goods Yes

### 14.1. UN number

ADR/RID/ADN 3264

IMDG 3264

ICAO/IATA 3264

### 14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.

Technical name/Danger releasing substance English ADR/RID/ADN Phosphoric acid, Sulfuric acid

ADR/RID/ADN CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.

Technical name/danger releasing substance ADR/RID/ADN Phosphoric acid, Sulfuric acid

IMDG CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.

Technical name/danger releasing substance IMDG Phosphoric acid, Sulfuric acid

ICAO/IATA CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.

Technical name/danger releasing substance ICAO/IATA Phosphoric acid, Sulfuric acid

### 14.3. Transport hazard class(es)

ADR/RID/ADN 8

Classification code ADR/RID/ADN C1

IMDG 8

ICAO/IATA 8

### 14.4. Packing group

ADR/RID/ADN III

IMDG III

ICAO/IATA III

### 14.5. Environmental hazards

IMDG Marine pollutant No

### 14.6. Special precautions for user

Special safety precautions for user Not relevant.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Product name CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.

### Additional information

Hazard label ADR/RID/ADN 8

Hazard label IMDG 8

Hazard label ICAO/IATA 8

### ADR/RID Other information

Tunnel restriction code E

Transport category 3

Hazard No. 80

### IMDG Other information

EmS F-A, S-B

## SECTION 15: Regulatory information

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

Other label information For professional users only. As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

Legislation and regulations The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242), with amendments.  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.  
The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).  
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.  
REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents.

### 15.2. Chemical safety assessment

Chemical safety assessment performed No

## SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	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. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.
Training advice	No particular training or education is required but the user must be familiar with this SDS. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
Additional information	READY-TO-USE MIXTURE: 2-5% H314 Causes severe skin burns and eye damage.
Information added, deleted or revised	Relevant changes compared to the previous version of the safety data sheet are indicated with vertical lines in the left margin.
Version	2
Prepared by	MP