

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

**1.1. Product identifier**

Product form : Mixture  
Product name : Peracid Forte  
Product code : 652 OX  
Type of product : Detergent  
Product group : Mixture

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

**1.2.1. Relevant identified uses**

Main use category : Professional use  
Use of the substance/mixture : Stabilised mixture of peracetic acid, hydrogen peroxide, acetic acid and water  
Disinfectant  
Biocide

**1.2.2. Uses advised against**

No additional information available

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

**Manufacturer**

Christeyns NV  
Afrikalaan 182  
9000 GENT  
Belgium  
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[info@christeyns.be](mailto:info@christeyns.be) - [www.christeyns.com](http://www.christeyns.com)

**Distributor**

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1 Farnham Street  
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Ireland  
T 00353 49 4361869 - F 00353 49 436 1869  
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**Distributor**

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Rutland Street  
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**Distributor**

Christeyns Technologies Ltd.  
Mazars, Block 3, Harcourt Centre, Harcourt Road  
IE- 2 Dublin  
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T +353 1 8146022

**Distributor**

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GB- WA2 8RE Warrington – Cheshire  
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[UK-foodinfo@christeyns.com](mailto:UK-foodinfo@christeyns.com) - [www.christeyns.com](http://www.christeyns.com)

**1.4. Emergency telephone number**

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

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

Oxidising Liquids, Category 3 H272  
Corrosive to metals, Category 1 H290  
Acute toxicity (oral), Category 4 H302  
Acute toxicity (inhalation:dust,mist) Category 4 H332  
Skin corrosion/irritation, Category 1, Sub-Category 1A H314  
Serious eye damage/eye irritation, Category 1 H318  
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation H335

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Hazardous to the aquatic environment – Chronic Hazard, Category 1 H410

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

### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

Hazard pictograms (CLP)



CLP Signal word

: Danger

Contains

: peracetic acid; Acetic acid; Hydrogen peroxide

Hazard statements (CLP)

: H272 - May intensify fire; oxidiser.  
H290 - May be corrosive to metals.  
H302+H332 - Harmful if swallowed or if inhaled.  
H314 - Causes severe skin burns and eye damage.  
H335 - May cause respiratory irritation.  
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P220 - Keep/Store away from combustibles.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
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.

EUH-statements

: EUH071 - Corrosive to the respiratory tract.

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acetic acid substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, LT, LU, LV, MT, PL, PT, RO, SE, SI, SK, NO, CH, TR); substance with a Community workplace exposure limit	CAS-no: 64-19-7 Einecs nr: 200-580-7 EG annex nr: 607-002-00-6 REACH-no: 01-2119475328-30	10 – 30	Flam. Liq. 3, H226 Skin Corr. 1A, H314
Hydrogen peroxide substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DK, EE, ES, FI, FR, GB, GR, HR, IE, LT, PL, PT, SE, SK, IS, NO, CH)	CAS-no: 7722-84-1 Einecs nr: 231-765-0 EG annex nr: 008-003-00-9 REACH-no: 01-2119485845-22	10 – 30	Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
peracetic acid substance with national workplace exposure limit(s) (BE, CZ, FI, IE, PL, PT)	CAS-no: 79-21-0 Einecs nr: 201-186-8 EG annex nr: 607-094-00-8 REACH-no: 01-2119531330-56	10 - 15	Flam. Liq. 3, H226 Org. Perox. D, H242 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Aquatic Acute 1, H400 (M=1)

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Acetic acid	CAS-no: 64-19-7 Einecs nr: 200-580-7 EG annex nr: 607-002-00-6 REACH-no: 01-2119475328-30	( 10 ≤C < 25) Eye Irrit. 2, H319 ( 10 ≤C < 25) Skin Irrit. 2, H315 ( 25 ≤C < 90) Skin Corr. 1B, H314 ( 90 ≤C ≤ 100) Skin Corr. 1A, H314
Hydrogen peroxide	CAS-no: 7722-84-1 Einecs nr: 231-765-0 EG annex nr: 008-003-00-9 REACH-no: 01-2119485845-22	( 5 ≤C < 8) Eye Irrit. 2, H319 ( 8 ≤C < 50) Eye Dam. 1, H318 ( 35 ≤C < 100) STOT SE 3, H335 ( 35 ≤C < 50) Skin Irrit. 2, H315 ( 50 ≤C < 70) Skin Corr. 1B, H314 ( 50 ≤C < 70) Ox. Liq. 2, H272 ( 63 ≤C < 100) Aquatic Chronic 3, H412 ( 70 ≤C < 100) Skin Corr. 1A, H314 ( 70 ≤C < 100) Ox. Liq. 1, H271
peracetic acid	CAS-no: 79-21-0 Einecs nr: 201-186-8 EG annex nr: 607-094-00-8 REACH-no: 01-2119531330-56	( 1 ≤C ≤ 100) STOT SE 3, H335

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General advice	: Seek medical attention immediately. Only qualified personnel equipped with suitable protective equipment may intervene. Respiratory arrest: artificial respiration or oxygen.
Inhalation	: Take victim to fresh air, in a quiet place and if necessary take medical advice.
Skin contact	: Wash immediately with plenty of water. Immediately remove contaminated clothing or footwear.
Eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. Immediately call a POISON CENTER/doctor.
Ingestion	: Rinse mouth out with water. Give 1-2 glasses of water to drink. Do NOT induce vomiting. Keep the victim calm, avoid physical strain. Immediately call a POISON CENTER/doctor.

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

Acute effects inhalation	: Irritating to the respiratory system, may cause throat pain and cough.
Acute effects skin	: Burns.
Acute effects eyes	: Causes serious eye damage.
Acute effects oral route	: Burns. May perforate the oesophagus or the digestive tract.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : water in large amounts.

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

Explosion hazard : On heating, there is a risk of bursting due to internal pressure build-up. Cool down the containers exposed to heat with a water spray.

### 5.3. Advice for firefighters

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

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### SECTION 6: Accidental release measures

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

General measures : Evacuate area.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment.

#### 6.2. Environmental precautions

Avoid undiluted product to come into sewer or superficial water.

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

Methods for cleaning up : Clean contaminated surfaces with an excess of water.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Never return unused material to original container. Use only outdoors or in a well-ventilated area. Wear personal protective equipment. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

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

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

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage temperature : -20 – 30 °C

Material(s) to avoid : metals. Reducing agents. Bases. Organic materials.

Storage area : Store in a well-ventilated place.

Special rules on packaging : Keep only in original container.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

peracetic acid (79-21-0)	
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Peracetic acid
OEL STEL [ppm]	0.4 ppm IFV (Inhale Fraction and Vapour)
Regulatory reference	Chemical Agents Code of Practice 2021
<b>Acetic acid (64-19-7)</b>	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Local name	Acetic acid
IOEL TWA	25 mg/m <sup>3</sup>
IOEL TWA [ppm]	10 ppm
IOEL STEL	50 mg/m <sup>3</sup>
IOEL STEL [ppm]	20 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Acetic acid
OEL TWA [1]	25 mg/m <sup>3</sup>
OEL TWA [2]	10 ppm
OEL STEL	37 mg/m <sup>3</sup>

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<b>Acetic acid (64-19-7)</b>	
OEL STEL [ppm]	15 ppm
Remark	IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2021
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Acetic acid
WEL TWA (OEL TWA) [1]	25 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	10 ppm
WEL STEL (OEL STEL)	50 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	20 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>Hydrogen peroxide (7722-84-1)</b>	
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Hydrogen peroxide
OEL TWA [1]	1.5 mg/m <sup>3</sup>
OEL TWA [2]	1 ppm
OEL STEL	3 mg/m <sup>3</sup>
OEL STEL [ppm]	2 ppm
Regulatory reference	Chemical Agents Code of Practice 2021
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Hydrogen peroxide
WEL TWA (OEL TWA) [1]	1.4 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	1 ppm
WEL STEL (OEL STEL)	2.8 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	2 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available

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### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

**Eye protection:**

Face shield

#### 8.2.2.2. Skin protection

**Protective equipment:**

Long sleeved protective clothing. Wear suitable protective clothing minimum (EN 13034) Type 6 equipment

**Hand protection:**

Chemical resistant PVC gloves (to European standard EN 374 or equivalent)

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**

Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust. In case of inadequate ventilation wear respiratory protection.

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Colourless.
Physical state/form	: Liquid.
Odour	: acrid and pungent.
Odour threshold	: Not available
Melting point/range	: Not determined as it is not relevant for the characterization of the product
Freezing point	: Not determined as it is not relevant for the characterization of the product
Boiling point/Boiling range	: $\geq 100$ °C
Flammability	: Not flammable
Oxidising properties	: May intensify fire; oxidiser.
Explosive limits	: Constituents do not contain chemical groups associated with explosivity
Lower explosion limit	: Constituents do not contain chemical groups associated with explosivity
Upper explosion limit	: Constituents do not contain chemical groups associated with explosivity
Flash point	: 80 °C (closed cup)
Autoignition temperature	: Determination of the auto-ignition temperature is only relevant for pyrophoric liquids, however the mixture is not a pyrophoric liquid so the test is not required.
Decomposition temperature	: Only applies to self-reactive substances and mixtures, organic peroxides, and other substances and mixtures that may decompose.
SADT	: $\geq 60$ °C (SADT for $\leq 1000$ L and 26m <sup>3</sup> non-insulated tank)
pH	: $0.5 \pm 0,5$ (100%)
pH solution concentration	: 100
Viscosity, kinematic	: 4 mm <sup>2</sup> /s at 20 °C
Viscosity, dynamic	: 30 mPa·s
Solubility	: Water: completely soluble
Partition coefficient n-octanol/water (Log Kow)	: Does not apply to inorganic and ionic liquids and does not generally apply to mixtures.
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1.134 kg/l
Relative density	: Not available
Relative vapour density at 20°C	: Not available

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Particle characteristics : Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No decomposition if stored normally.

### 10.3. Possibility of hazardous reactions

Contact with alkaline products gives exothermic reaction.

### 10.4. Conditions to avoid

Direct sunlight. Heat.

### 10.5. Incompatible materials

Organic materials.

### 10.6. Hazardous decomposition products

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## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Harmful if swallowed.

Acute toxicity (dermal) : Not classified.

Acute toxicity (inhalation) : Harmful if inhaled.

Peracid Forte	
ATE CLP (oral)	470.653 mg/kg bodyweight
ATE CLP (dust,mist)	4.545 mg/l/4h
peracetic acid (79-21-0)	
LD50 oral	85 mg/kg bodyweight
LD50 dermal rabbit	56.1 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	1.5 mg/l/4h
LC50 Inhalation - Rat (Vapours)	11 mg/l/4h
ATE CLP (oral)	500 mg/kg bodyweight
ATE CLP (dermal)	1100 mg/kg bodyweight
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1.5 mg/l/4h
Acetic acid (64-19-7)	
LD50 oral	3310 mg/kg bodyweight
LC50 Inhalation - Rat (Vapours)	> 40000 mg/l/4h
ATE CLP (oral)	3320 mg/kg bodyweight
Hydrogen peroxide (7722-84-1)	
LD50 oral rat	431 mg/kg
LD50 dermal rabbit	6440 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	1.5 mg/l/4h
LC50 Inhalation - Rat (Vapours)	11 mg/l/4h
ATE CLP (oral)	431 mg/kg bodyweight
ATE CLP (dermal)	6440 mg/kg bodyweight

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<b>Hydrogen peroxide (7722-84-1)</b>	
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation : Causes severe skin burns.  
pH: 0.5 ± 0,5 (100%)

<b>peracetic acid (79-21-0)</b>	
pH	0.5

<b>Acetic acid (64-19-7)</b>	
pH	2.5

Serious eye damage/irritation : Causes serious eye damage.  
pH: 0.5 ± 0,5 (100%)

<b>peracetic acid (79-21-0)</b>	
pH	0.5

<b>Acetic acid (64-19-7)</b>	
pH	2.5

Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

<b>Hydrogen peroxide (7722-84-1)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified  
STOT-single exposure : May cause respiratory irritation.

<b>Hydrogen peroxide (7722-84-1)</b>	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

<b>Hydrogen peroxide (7722-84-1)</b>	
NOAEC (inhalation, rat, vapour, 90 days)	7 mg/l

Aspiration hazard : Not classified

<b>Peracid Forte</b>	
Viscosity, kinematic	4 mm <sup>2</sup> /s at 20 °C

<b>peracetic acid (79-21-0)</b>	
Viscosity, kinematic	1.5 mm <sup>2</sup> /s (20°C)

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

<b>peracetic acid (79-21-0)</b>	
LC50 - Fish [1]	1.1 mg/l
EC50 - Crustacea [1]	0.73 mg/l
ErC50 algae	0.05 mg/l (Selenastrum capricornutum)
NOEC (chronic)	0.0121 mg/l



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<b>peracetic acid (79-21-0)</b>	
NOEC chronic algae	(Selenastrum capricornutum)
<b>Acetic acid (64-19-7)</b>	
LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	> 300 mg/l
EC50 - Other aquatic organisms [1]	> 1000 mg/l waterflea
ErC50 algae	> 300 mg/l
<b>Hydrogen peroxide (7722-84-1)</b>	
LC50 - Fish [1]	16.4 mg/l
EC50 - Crustacea [1]	2.4 mg/l
EC50 72h - Algae [1]	2.62 mg/l
ErC50 algae	1.38 mg/l
NOEC chronic crustacea	0.63 mg/l

### 12.2. Persistence and degradability

<b>peracetic acid (79-21-0)</b>	
Persistence and degradability	Biodegradable. OECD 301E method (Ready biodegradability: Modified OECD Screening Test).
<b>Acetic acid (64-19-7)</b>	
Persistence and degradability	Readily biodegradable.
<b>Hydrogen peroxide (7722-84-1)</b>	
Persistence and degradability	Biodegradable.

### 12.3. Bioaccumulative potential

<b>Peracid Forte</b>	
Partition coefficient n-octanol/water (Log Kow)	Does not apply to inorganic and ionic liquids and does not generally apply to mixtures.
Bioaccumulative potential	No bioaccumulation.
<b>peracetic acid (79-21-0)</b>	
Bioaccumulative potential	Not established.
<b>Acetic acid (64-19-7)</b>	
Log Pow	-0.2
Bioaccumulative potential	No bioaccumulation.
<b>Hydrogen peroxide (7722-84-1)</b>	
Log Pow	-1.6
Bioaccumulative potential	No bioaccumulation.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste / unused products

: Collect all waste in suitable and labelled containers and dispose according to local legislation.

European List of Waste (LoW) code

: 20 01 14\* - acids




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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
<b>14.1. UN number or ID number</b>		
UN 3098	UN 3098	UN 3098
<b>14.2. UN proper shipping name</b>		
OXIDIZING LIQUID, CORROSIVE, N.O.S. (Hydrogen peroxide ; peracetic acid ; Acetic acid)	OXIDIZING LIQUID, CORROSIVE, N.O.S. (Hydrogen peroxide ; peracetic acid ; Acetic acid)	Oxidizing liquid, corrosive, n.o.s. (Hydrogen peroxide ; peracetic acid ; Acetic acid)
<b>Transport document description</b>		
UN 3098 OXIDIZING LIQUID, CORROSIVE, N.O.S. (Hydrogen peroxide ; peracetic acid ; Acetic acid), 5.1 (8), III, (E), ENVIRONMENTALLY HAZARDOUS	UN 3098 OXIDIZING LIQUID, CORROSIVE, N.O.S. (Hydrogen peroxide ; peracetic acid ; Acetic acid), 5.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 3098 Oxidizing liquid, corrosive, n.o.s. (Hydrogen peroxide ; peracetic acid ; Acetic acid), 5.1, III, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>		
5.1 (8)	5.1 (8)	5.1 (8)
		
<b>14.4. Packing group</b>		
III	Not applicable	III
<b>14.5. Environmental hazards</b>		
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information available		

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	: OC1
Special provisions (ADR)	: 274
Limited quantities (ADR)	: 5I
Transport category (ADR)	: 3
Tunnel code	: E
EAC code	: 2W

#### Transport by sea

No data available

#### Air transport

PCA Limited quantities (IATA)	: Y541
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 551
PCA max net quantity (IATA)	: 2.5L
CAO packing instructions (IATA)	: 555
CAO max net quantity (IATA)	: 30L
Special provisions (IATA)	: A3

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Other information, restriction and prohibition regulations : Biocide regulation (EU 528/2012).

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Detergent Regulation (648/2004)

Labelling of contents	
Component	%
Oxygen-based bleaching agents	≥30%
phosphonates	<5%

##### Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### ANNEX I RESTRICTED EXPLOSIVES PRECURSORS

List of substances which shall not be made available to, or introduced, possessed or used by, members of the general public, whether on their own or in mixtures or substances that include those substances, unless the concentration is equal to or lower than the limit values set out in column 2, and for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

Name	CAS-No.	Limit value	Upper limit value for licensing under Article 5(3)	Combined Nomenclature (CN) code for a separate chemically defined compound meeting the requirements of Note 1 to Chapter 28 or 29 of the CN, respectively	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Hydrogen peroxide	7722-84-1	12 % w/w	35% w/w	2847 00 00	ex 3824 99 96
Sulphuric acid	7664-93-9	15 % w/w	40 % w/w	ex 2807 00 00	ex 3824 99 96

Please see [https://home-affairs.ec.europa.eu/policies/internal-security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives\\_en](https://home-affairs.ec.europa.eu/policies/internal-security/counter-terrorism-and-radicalisation/protection/legislation-chemicals-used-home-made-explosives_en)

##### Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

Name	CN designation	CAS-No.	CN code	Category	Threshold	Annex
Sulphuric acid		7664-93-9	2807 00 00	Category 3		Annex I

##### 15.1.2. National regulations

No additional information available

# Peracid Forte

## Safety Data Sheet

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### 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

peracetic acid

### SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Date first issue	Added	
	Supersedes	Modified	
	Review date	Modified	
	Concentration of the solution used for the pH measurement	Added	
	Flammability (solid, gas)	Added	
1.1	Product code	Modified	
2.2	Hazard statements (CLP)	Modified	
9.1	Melting point/range	Added	
9.1	Viscosity, kinematic	Modified	
9.1	Upper explosive limit (UEL)	Added	
9.1	Lower explosive limit (LEL)	Added	
9.1	Explosive limits (g/m <sup>3</sup> )	Added	
9.1	Autoignition temperature	Added	
9.1	Decomposition temperature	Modified	
9.1	Log Kow	Added	
9.2	SADT	Added	
12.3	Log Kow	Added	
13.1	HP Code	Added	
15	Listed on the Explosives Precursors list	Modified	

Abbreviations and acronyms:	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
ErC50 (algae)	ErC50 (algae)
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic

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Abbreviations and acronyms:	
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative

Other information : It is recommended to pass the information from this safety data sheet in an appropriate form to the users. The information is currently to the best of our knowledge and believed to be accurate and reliable. This information relates to the specifically named product and may not be valid in combination with other products.  
This safety data sheet is in compliance with 1907/2006/EEC. It is the responsibility of the user to take all necessary measures to meet local required laws and regulations. The producer is not responsible for any damage and loss due to the use of information mentioned in this safety data sheet.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH071	Corrosive to the respiratory tract.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H271	May cause fire or explosion; strong oxidiser.
H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Org. Perox. D	Organic Peroxides, Type D
Ox. Liq. 1	Oxidising Liquids, Category 1
Ox. Liq. 2	Oxidising Liquids, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B

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### Full text of H- and EUH-statements:

Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Ox. Liq. 3	H272	Expert judgement
Met. Corr. 1	H290	Calculation method
Acute Tox. 4 (Oral)	H302	Calculation method
Acute Tox. 4 (Inhalation:dust,mist)	H332	Calculation method
Skin Corr. 1A	H314	On basis of test data
Eye Dam. 1	H318	Expert judgement
STOT SE 3	H335	Calculation method
Aquatic Chronic 1	H410	Calculation method

Safety Data Sheet (SDS), EU

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