

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

**1.1. Product identifier**

Product form : Mixture  
Product name : Mida CHRIOX TS5  
Product code : 628  
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**

Industrial/Professional use spec : For professional use only  
Industrial  
Use of the substance/mixture : Peracetic acid based disinfectant

**1.2.2. Uses advised against**

No additional information available

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

Christeyns NV  
Afrikalaan 182  
9000 GENT - België  
T +32 (0)9/ 223 38 71 - F +32 (0)9/ 233 03 44  
[info@christeyns.be](mailto:info@christeyns.be) - [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	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

**SECTION 2: Hazards identification**

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

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

Ox. Liq. 2 H272  
Met. Corr. 1 H290  
Acute Tox. 4 (Oral) H302  
Acute Tox. 4 (Inhalation) H332  
Skin Corr. 1B H314  
Eye Dam. 1 H318  
STOT SE 3 H335  
Aquatic Chronic 1 H410

Full text of hazard classes and H-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) :



GHS03

GHS05

GHS07

GHS09

CLP Signal word : Danger

Hazardous ingredients : peracetic acid; Hydrogen peroxide; Sulphuric acid

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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. P234 - Keep only in original packaging. P260 - Do not breathe vapours, mist, spray. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P284 - Wear respiratory protection. P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.. Immediately call a POISON CENTER or doctor. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. P403+P235 - Store in a well-ventilated place. Keep cool.

### 2.3. Other hazards

No additional information available

## 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]
Hydrogen peroxide	(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
Sulphuric acid	(CAS-no) 7664-93-9 (Einecs nr) 231-639-5 (EG annex nr) 016-020-00-8 (REACH-no) 01-2119458838-20	5 - 15	Skin Corr. 1A, H314
Acetic acid	(CAS-no) 64-19-7 (Einecs nr) 200-580-7 (EG annex nr) 607-002-00-6 (REACH-no) 01-2119475328-30	5 – 10	Flam. Liq. 3, H226 Skin Corr. 1A, H314
peracetic acid	(CAS-no) 79-21-0 (Einecs nr) 201-186-8 (EG annex nr) 607-094-00-8 (REACH-no) 01-2119531330-56	3 – 5	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 Aquatic Chronic 1, H410 (M=10)

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
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

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Sulphuric acid	(CAS-no) 7664-93-9 (Einecs nr) 231-639-5 (EG annex nr) 016-020-00-8 (REACH-no) 01-2119458838-20	( 5 ≤C < 15) Skin Irrit. 2, H315 ( 5 ≤C < 15) Eye Irrit. 2, H319 ( 15 ≤C < 100) Skin Corr. 1A, H314
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
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-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General advice	: Only qualified personnel equipped with suitable protective equipment may intervene.
Inhalation	: Take victim to fresh air, in a quiet place and if necessary take medical advice.
Skin contact	: Take off immediately all contaminated clothing. Wash off immediately with plenty of water.
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Ingestion	: Do not induce vomiting. Rinse mouth out with water. Immediately consult a doctor/medical service.

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

Acute effects inhalation	: Harmful if inhaled. Corrosive to the respiratory tract.
Acute effects skin	: Causes severe burns.
Acute effects eyes	: Serious damage to eyes.
Acute effects oral route	: Burns. Harmful if swallowed.

#### 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 : Not applicable.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

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

Protective equipment : Concerning personal protective equipment to use, see section 8.  
Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Do not contaminate ground and surface water.

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

Methods for cleaning up : Do not absorb in sawdust, paper, cloth or other combustible absorbents. Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

No additional information available

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

Material(s) to avoid : Never mix with other materials.

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

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

peracetic acid (79-21-0)	
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Peracetic acid
OEL (15 min ref) (ppm)	0.4 ppm IFV (Inhlabl Fraction and Vapour)
Regulatory reference	Chemical Agents Code of Practice 2020

Acetic acid (64-19-7)	
<b>EU - Occupational Exposure Limits</b>	
Local name	Acetic acid
IOELV TWA (mg/m <sup>3</sup> )	25 mg/m <sup>3</sup>
IOELV TWA (ppm)	10 ppm
IOELV STEL (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
IOELV STEL (ppm)	20 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164

Ireland - Occupational Exposure Limits	
Local name	Acetic acid
OEL (8 hours ref) (mg/m <sup>3</sup> )	25 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	10 ppm
OEL (15 min ref) (mg/m <sup>3</sup> )	37 mg/m <sup>3</sup>
OEL (15 min ref) (ppm)	15 ppm
Notes (IE)	IOELV
Regulatory reference	Chemical Agents Code of Practice 2020

United Kingdom - Occupational Exposure Limits	
Local name	Acetic acid
WEL TWA (mg/m <sup>3</sup> )	25 mg/m <sup>3</sup>
WEL TWA (ppm)	10 ppm
WEL STEL (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
WEL STEL (ppm)	20 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Hydrogen peroxide (7722-84-1)	
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Hydrogen peroxide
OEL (8 hours ref) (mg/m <sup>3</sup> )	1.5 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	1 ppm
OEL (15 min ref) (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
OEL (15 min ref) (ppm)	2 ppm
Regulatory reference	Chemical Agents Code of Practice 2020

United Kingdom - Occupational Exposure Limits	
Local name	Hydrogen peroxide
WEL TWA (mg/m <sup>3</sup> )	1.4 mg/m <sup>3</sup>
WEL TWA (ppm)	1 ppm
WEL STEL (mg/m <sup>3</sup> )	2.8 mg/m <sup>3</sup>
WEL STEL (ppm)	2 ppm

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Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
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### Sulphuric acid (7664-93-9)

#### EU - Occupational Exposure Limits

Local name	Sulphuric acid (mist)
IOELV TWA (mg/m <sup>3</sup> )	0.05 mg/m <sup>3</sup>
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU

#### Ireland - Occupational Exposure Limits

Local name	Sulphuric acid
OEL (8 hours ref) (mg/m <sup>3</sup> )	0.05 mg/m <sup>3</sup>
Notes (IE)	IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2020

#### United Kingdom - Occupational Exposure Limits

Local name	Sulphuric acid
WEL TWA (mg/m <sup>3</sup> )	0.05 mg/m <sup>3</sup> mist
Remark (WEL)	The mist is defined as the thoracic fraction
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

### peracetic acid (79-21-0)

#### DNEL/DMEL (Workers)

Acute - systemic effects, dermal	High health hazard.
Acute - systemic effects, inhalation	0.6 mg/m <sup>3</sup>
Acute - local effects, dermal	0.12 % in mixture
Acute - local effects, inhalation	0.6 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	High health hazard.
Long-term - local effects, dermal	High health hazard.
Long-term - systemic effects, inhalation	0.6 mg/m <sup>3</sup>
Long-term - local effects, inhalation	0.6 mg/m <sup>3</sup>

#### DNEL/DMEL (General population)

Acute - systemic effects, inhalation	0.6
Acute - local effects, inhalation	0.3 mg/m <sup>3</sup>
Long-term - systemic effects, inhalation	0.6 mg/m <sup>3</sup>
Long-term - local effects, inhalation	0.6 mg/m <sup>3</sup>

#### PNEC (Water)

PNEC aqua (freshwater)	0.000224 mg/l
PNEC aqua (marine water)	Testing technically not feasible
PNEC aqua (intermittent, freshwater)	Testing technically not feasible
PNEC aqua (intermittent, marine water)	Testing technically not feasible

#### PNEC (Sediment)

PNEC sediment (freshwater)	0.00018 mg/kg dwt
PNEC sediment (marine water)	Testing technically not feasible

#### PNEC (Soil)

PNEC soil	0.32 mg/kg dwt
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#### PNEC (Oral)

PNEC oral (secondary poisoning)	Not potentially bioaccumulable
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### PNEC (STP)

PNEC sewage treatment plant	0.051 mg/l
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### 8.2. Exposure controls

#### Hand protection:

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

#### Eye protection:

Safety glasses with side-shields (EN 166)

#### Protective equipment:

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

#### Respiratory protection:

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

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Physical state/form	: Liquid.
Colour	: Colourless. clear.
Odour	: acrid and pungent.
Odour threshold	: No data available
pH	: 2.1 ± 0.5 (0,3%)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point/range	: No data available
Freezing point	: No data available
Boiling point/Boiling range	: ≥ 100 °C
Flash point	: > 90 °C
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1150 g/l
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: 1.052 mm <sup>2</sup> /s at 20 °C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No decomposition if used as directed. Contact with alkaline products gives exothermic reaction. Avoid contamination with organic substances.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Heating. Direct sunlight. Humid air.

### 10.5. Incompatible materials

Never mix with other materials.

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### 10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed or in contact with skin.

Acute toxicity (dermal) : Not classified.

Acute toxicity (inhalation) : Harmful if inhaled.

Mida CHRIOX TS5	
ATE CLP (oral)	974.212 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

peracetic acid (79-21-0)	
LD50 oral	85 mg/kg
LD50 dermal	56.1 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	1.5 mg/l/4h
ATE CLP (oral)	85 mg/kg bodyweight
ATE CLP (dermal)	56.1 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 - mg/l/4h)	> 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 - mg/l/4h)	1.5 mg/l/4h
LC50 inhalation rat (Vapours - mg/l/4h)	> 0.17 mg/l/4h
ATE CLP (oral)	431 mg/kg bodyweight
ATE CLP (dermal)	6440 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

Sulphuric acid (7664-93-9)	
LD50 oral	2140 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	375 mg/l
ATE CLP (oral)	2140 mg/kg bodyweight
ATE CLP (dust,mist)	5000 mg/m <sup>3</sup>

Skin corrosion/irritation : Causes severe skin burns.  
pH: 2.1 ± 0.5 (0,3%)

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Serious eye damage/irritation	: Causes serious eye damage. pH: 2.1 ± 0.5 (0,3%)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

### Hydrogen peroxide (7722-84-1)

IARC group	3 - Not classifiable
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Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### Mida CHRIOX TS5

Viscosity, kinematic	1.052 mm <sup>2</sup> /s at 20 °C
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## 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.

### Acetic acid (64-19-7)

LC50 fish 1	> 1000 mg/l
EC50 Daphnia 1	> 300 mg/l
EC50 other aquatic organisms 1	> 1000 mg/l waterflea
ErC50 (algae)	> 300 mg/l

### Hydrogen peroxide (7722-84-1)

LC50 fish 1	16.4 mg/l
EC50 Daphnia 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

### Sulphuric acid (7664-93-9)

LC50 fish 1	> 16 mg/l
EC50 other aquatic organisms 1	> 100 mg/l waterflea
EC50 other aquatic organisms 2	> 100 mg/l

### 12.2. Persistence and degradability

#### peracetic acid (79-21-0)

Persistence and degradability	Biodegradable. OECD 301E method (Ready biodegradability: Modified OECD Screening Test).
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#### Acetic acid (64-19-7)

Persistence and degradability	Readily biodegradable.
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Hydrogen peroxide (7722-84-1)	
Persistence and degradability	Biodegradable.

### 12.3. Bioaccumulative potential

Mida CHRIOX TS5	
Bioaccumulative potential	No bioaccumulation.

peracetic acid (79-21-0)	
Partition coefficient n-octanol/water (Log Kow)	-0.26 (20°C)
Bioaccumulative potential	Not established.

Acetic acid (64-19-7)	
Log Pow	-0.2
Bioaccumulative potential	No bioaccumulation.

Hydrogen peroxide (7722-84-1)	
Bioaccumulative potential	No bioaccumulation.

Sulphuric acid (7664-93-9)	
Log Pow	-2.2

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. 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

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA
<b>14.1. UN number</b>		
UN 3149	UN 3149	UN 3149
<b>14.2. UN proper shipping name</b>		
HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED	Hydrogen peroxide and peroxyacetic acid mixture stabilized
<b>Transport document description</b>		
UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, 5.1 (8), II, (E), ENVIRONMENTALLY HAZARDOUS	UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, 5.1 (8), II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 3149 Hydrogen peroxide and peroxyacetic acid mixture stabilized, 5.1, II, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>		
5.1 (8)	5.1 (8)	5.1 (8)

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### 14.4. Packing group

II

II

II

### 14.5. Environmental hazards

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) : 196, 553  
Limited quantities (ADR) : 1I  
Packing instructions (ADR) : P504, IBC02  
Special packing provisions (ADR) : PP10, B5  
Mixed packing provisions (ADR) : MP15  
Portable tank and bulk container instructions (ADR) : T7  
Portable tank and bulk container special provisions (ADR) : TP2, TP6, TP24  
Tank code (ADR) : L4BV(+)  
Tank special provisions (ADR) : TU3, TC2, TE8, TE11, TT1  
Vehicle for tank carriage : AT  
Transport category (ADR) : 2  
Special provisions for carriage - Loading, unloading and handling (ADR) : CV24  
Hazard identification number (Kemler No.) : 58  
Orange plates :



Tunnel code : E  
EAC code : 2P

#### Transport by sea

Special provisions (IMDG) : 196  
Limited quantities (IMDG) : 1 L  
Packing instructions (IMDG) : P504  
Special packing provisions (IMDG) : PP10  
IBC packing instructions (IMDG) : IBC02  
IBC special provisions (IMDG) : B5

#### Air transport

PCA Limited quantities (IATA) : Y540  
PCA limited quantity max net quantity (IATA) : 0.5L  
PCA packing instructions (IATA) : 550  
PCA max net quantity (IATA) : 1L  
CAO packing instructions (IATA) : 554  
CAO max net quantity (IATA) : 5L  
Special provisions (IATA) : A96

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

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Detergent Regulation (648/2004/EC): Labelling of contents:

Component	%
Oxygen-based bleaching agents	15-30%
phosphonates	<5%

##### 15.1.2. National regulations

No additional information available

#### 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
1.2	Use of the substance/mixture	Modified	
2		Modified	
6		Modified	
7		Modified	
9		Modified	

Other information

: It is recommended to pass the information of this safety data sheet in an appropriate form to the users. Such information is actually the best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other products. This safety data sheet is in compliance with 1907/2006/EEC. It is user's liabilities 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 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
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
Met. Corr. 1	Corrosive to metals, Category 1
Org. Perox. D	Organic Peroxides, Type D
Ox. Liq. 1	Oxidising Liquids, Category 1
Ox. Liq. 2	Oxidising Liquids, Category 2

# Mida CHRIOX TS5

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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.

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

Ox. Liq. 2	H272	Expert judgment
Met. Corr. 1	H290	Calculation method
Acute Tox. 4 (Oral)	H302	Calculation method
Acute Tox. 4 (Inhalation)	H332	Expert judgment
Skin Corr. 1B	H314	Expert judgment
Eye Dam. 1	H318	Expert judgment
STOT SE 3	H335	Calculation method
Aquatic Chronic 1	H410	Calculation method

SDS EU (REACH Annex II)

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.