

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

**1.1. Product identifier**

Product form : Mixture  
 Product name : Carlin Premax Extreme

**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  
 Function or use category : Cleaning/washing agents and additives

**1.2.2. Uses advised against**

No additional information available

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

Synerlogic B.V.  
 Graafsingel 22  
 6921 RT Duiven - Nederland  
 T +31 (0) 26 - 3186700

**1.4. Emergency telephone number**

Country	Organisation/Company	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)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
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] Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II)

Corrosive to metals, Category 1 H290  
 Skin corrosion/irritation, Category 1 H314  
 Serious eye damage/eye irritation, Category 1 H318  
 Full text of H statements : see section 16

**Adverse physicochemical, human health and environmental effects**

May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage.

**2.2. Label elements**

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

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according to Regulation (EC) No. 1907/2006 (REACH)

Hazardous ingredients	:	Sodium metasilicate pentahydrate; Tetrasodium ethylene diamine tetraacetate; C9-11 Alcoholethoxylaat; Aminen, C12-14 (even genummerd)-alkyldimethyl, N-oxiden; sodium hydroxide; caustic soda
Hazard statements (CLP)	:	H290 - May be corrosive to metals. H314 - Causes severe skin burns and eye damage.
Precautionary statements (CLP)	:	P234 - Keep only in original packaging. P260 - Do not breathe vapours, gas, mist, fume, spray, dust. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or 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 doctor, a POISON CENTER. P501 - Dispose of contents and container to Collection point.

### 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]
Tetrasodium ethylene diamine tetraacetate	(CAS-No.) 64-02-8 (EC-No.) 200-573-9 (EC Index-No.) 607-428-00-2 (REACH-no) 01-2119486762-27	5 - 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Dam. 1, H318 STOT RE 2, H373
sodium hydroxide; caustic soda	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	< 10	Skin Corr. 1A, H314
C9-11 Alcoholethoxylaat	(CAS-No.) 68439-46-3 (REACH-no) Polymer	< 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Sodium xylenesulphonate	(CAS-No.) 1300-72-7 (EC-No.) 215-090-9 (REACH-no) 01-2119513350-56	< 5	Eye Irrit. 2, H319
Aminen, C12-14 (even genummerd)-alkyldimethyl, N-oxiden	(CAS-No.) 85408-49-7 (REACH-no) 01-2119490061-47	< 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Sodium metasilicate pentahydrate	(CAS-No.) 10213-79-3 (EC-No.) 229-912-9 (REACH-no) 01-2119449811-37	< 5	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335
Sodium nitrite	(CAS-No.) 7632-00-0 (EC-No.) 231-555-9 (REACH-no) 01-2119471836-27	< 5	Ox. Sol. 2, H272 Acute Tox. 3 (Oral), H301 Eye Irrit. 2, H319 Aquatic Acute 1, H400

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Isopentyl acetate substance with a Community workplace exposure limit	(CAS-No.) 123-92-2 (EC-No.) 204-662-3 (EC Index-No.) 607-130-00-2 (REACH-no) 01-2119548408-32	< 5	Flam. Liq. 3, H226
<b>Specific concentration limits:</b>			
<b>Name</b>	<b>Product identifier</b>	<b>Specific concentration limits</b>	
sodium hydroxide; caustic soda	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	( 0,5 =<C < 2) Skin Irrit. 2, H315 ( 0,5 =<C < 2) Eye Irrit. 2, H319 ( 2 =<C < 5) Skin Corr. 1B, H314 ( 5 =<C < 100) Skin Corr. 1A, H314	

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	:	Call a physician immediately. Get medical advice/attention if you feel unwell. IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	:	Rinse skin with water/shower. Wash skin with plenty of water. Take off contaminated clothing. Take off immediately all contaminated clothing. Call a physician immediately. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	:	Rinse eyes with water as a precaution. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Call a physician immediately.
First-aid measures after ingestion	:	Rinse mouth. Do not induce vomiting. Call a physician immediately. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact	:	Burns.
Symptoms/effects after eye contact	:	Serious damage to eyes.
Symptoms/effects after ingestion	:	Burns.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	:	Water spray. Dry powder. Foam. Carbon dioxide.
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#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	:	Toxic fumes may be released.
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#### 5.3. Advice for firefighters

Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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### SECTION 6: Accidental release measures

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

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

Emergency procedures	:	Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray.
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##### 6.1.2. For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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#### 6.2. Environmental precautions

Avoid release to the environment.

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according to Regulation (EC) No. 1907/2006 (REACH)

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

- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up. Store in a well-ventilated place. Keep cool.
- Incompatible materials : Metals.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Isopentyl acetate (123-92-2)

EU	IOELV TWA (mg/m <sup>3</sup> )	270 mg/m <sup>3</sup>
EU	IOELV STEL (mg/m <sup>3</sup> )	540 mg/m <sup>3</sup>
Germany	TRGS 910 Acceptable concentration notes	

#### Sodium nitrite (7632-00-0)

##### DNEL/DMEL (Workers)

Acute - systemic effects, inhalation	2 mg/m <sup>3</sup>
Long-term - systemic effects, inhalation	2 mg/m <sup>3</sup>

##### PNEC (Water)

PNEC aqua (freshwater)	0,0054 mg/l
PNEC aqua (marine water)	0,00616 mg/l

##### PNEC (Sediment)

PNEC sediment (freshwater)	0,0195 mg/kg dwt
PNEC sediment (marine water)	0,223 mg/kg dwt

##### PNEC (Soil)

PNEC soil	0,000733 mg/kg dwt
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#### Tetrasodium ethylene diamine tetraacetate (64-02-8)

##### DNEL/DMEL (Workers)

Acute - local effects, inhalation	2,8 mg/m <sup>3</sup>
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<b>Tetrasodium ethylene diamine tetraacetate (64-02-8)</b>	
<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, inhalation	1,7
Long-term - systemic effects, oral	28 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	2,8 mg/l
PNEC aqua (marine water)	0,28 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0,95 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	57 mg/l
<b>Sodium xylenesulphonate (1300-72-7)</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute - systemic effects, dermal	≈ mg/kg bodyweight/day
Long-term - systemic effects, dermal	7,6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	53,6 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	3,8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	13,2 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	3,8 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0,23 mg/l
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	100 mg/l
<b>Aminen, C12-14 (even genummerd)-alkyldimethyl, N-oxiden (85408-49-7)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	11 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	15,5 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	0,44 mg/kg bodyweight/day

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<b>Aminen, C12-14 (even genummerd)-alkyldimethyl, N-oxiden (85408-49-7)</b>	
Long-term - systemic effects, inhalation	3,825 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	5,5 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0,0335 mg/l
PNEC aqua (marine water)	0,0335 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	5,24 mg/kg dwt
PNEC sediment (marine water)	0,524 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	1,02 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	11,1
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	24 mg/l
<b>Sodium metasilicate pentahydrate (10213-79-3)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	1,49 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	6,22 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	0,74 mg/kg bodyweight/day
Long-term - systemic effects, dermal	0,74 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	7,5 mg/l
PNEC aqua (marine water)	1 mg/l
PNEC aqua (intermittent, freshwater)	7,5 mg/l
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1000 mg/l

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

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according to Regulation (EC) No. 1907/2006 (REACH)

<b>Materials for protective clothing:</b>					
<b>Condition</b>		<b>Material</b>		<b>Standard</b>	
Good resistance:		Synthetic material		EN 13034	
<b>Hand protection:</b>					
protective gloves					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Neoprene rubber (HNBR)	6 (> 480 minutes)	0,25 mm		EN ISO 374
Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	> 0,31 mm		EN ISO 374
<b>Eye protection:</b>					
Safety glasses					
Type	Use	Characteristics	Standard		
Safety glasses	Droplet, Fine dust, Dust	With side shields	EN 166		
<b>Skin and body protection:</b>					
Wear suitable protective clothing					
<b>Respiratory protection:</b>					
In case of insufficient ventilation, wear suitable respiratory equipment					
Device	Filter type	Condition	Standard		
Reusable half mask	Type P2, Type P3	Protection for Solid particles	EN 149		

### Personal protective equipment symbol(s):



### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state	:	Liquid
Colour	:	Yellow.
Odour	:	characteristic.
Odour threshold	:	No data available
pH	:	12,4
pH solution	:	3 %
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available

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Boiling point	:	No data available
Flash point	:	> 100 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Not applicable
Vapour pressure	:	23 hPa
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Density	:	1,14 g/cm <sup>3</sup>
Solubility	:	completely miscible.
Log Pow	:	No data available
Viscosity, kinematic	:	No data available
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

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

metals.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

#### Sodium nitrite (7632-00-0)

LD50 oral rat	180 mg/kg
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#### Tetrasodium ethylene diamine tetraacetate (64-02-8)

LD50 oral	1780 mg/kg bodyweight
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#### Sodium xylenesulphonate (1300-72-7)

LD50 oral	> 7000 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight



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<b>Aminen, C12-14 (even genummerd)-alkyldimethyl, N-oxiden (85408-49-7)</b>	
LD50 oral	1064 mg/kg
LD50 dermal rat	> 2000 mg/kg

<b>Isopentyl acetate (123-92-2)</b>	
LD50 oral	16600 mg/kg bodyweight
LD50 dermal	> 5000 mg/kg bodyweight

<b>Sodium metasilicate pentahydrate (10213-79-3)</b>	
LD50 oral rat	1152 - 1349 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 2,06 mg/l/4h

<b>C9-11 Alcoholethoxylaat (68439-46-3)</b>	
LD50 oral rat	300 - 2000 mg/kg
LD50 dermal	2000 - 5000 mg/kg

Skin corrosion/irritation	:	Causes severe skin burns and eye damage. pH: 12,4
Serious eye damage/irritation	:	Causes serious eye damage. pH: 12,4
Respiratory or skin sensitisation	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
STOT-single exposure	:	Not classified
STOT-repeated exposure	:	Not classified
Aspiration hazard	:	Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	:	Before neutralisation, the product may represent a danger to aquatic organisms.
Acute aquatic toxicity	:	Not classified
Chronic aquatic toxicity	:	Not classified

<b>Sodium nitrite (7632-00-0)</b>	
LC50 fish 1	0,54 - 26,3 mg/l (Salmo gairdneri)
LC50 other aquatic organisms 1	4,93 mg/l
EC50 Daphnia 1	15,4 mg/l
EC50 other aquatic organisms 1	421 mg/l (Protozoa)
EC50 72h algae (1)	> 100 mg/l (Scenedesmus subspicatus)

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### Tetrasodium ethylene diamine tetraacetate (64-02-8)

LC50 fish 1	> 121 mg/l
EC50 other aquatic organisms 1	625 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	2,77 mg/l IC50 algea (72 h) mg/l

### Sodium xylenesulphonate (1300-72-7)

EC50 other aquatic organisms 1	> 1020 mg/l
EC50 other aquatic organisms 2	IC50 algea (72 h) mg/l

### Aminen, C12-14 (even genummerd)-alkyldimethyl, N-oxiden (85408-49-7)

LC50 fish 1	2,67 - 3,46 mg/l
EC50 Daphnia 1	3,1 mg/l
EC50 72h algae (1)	0,1428 mg/l

### Isopentyl acetate (123-92-2)

LC50 fish 1	> 22 mg/l
EC50 other aquatic organisms 1	42 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	> 100 mg/l IC50 algea (72 h) mg/l

### Sodium metasilicate pentahydrate (10213-79-3)

LC50 fish 1	210 mg/l (Brachydanio Rerio)
EC50 Daphnia 1	1700 mg/l (Daphnia Magna)

### C9-11 Alcoholethoxylaate (68439-46-3)

LC50 fish 1	1 - 10 mg/l
EC50 Daphnia 1	1 - 10 mg/l (Daphnia magna)
EC50 72h algae (1)	1 - 10 mg/l (Skeletonema costatum)

### sodium hydroxide; caustic soda (1310-73-2)

EC50 Daphnia 1	40,4 mg/l
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## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

### Tetrasodium ethylene diamine tetraacetate (64-02-8)

Log Pow	-13,17
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### Aminen, C12-14 (even genummerd)-alkyldimethyl, N-oxiden (85408-49-7)

Log Pow : <2,7

### Isopentyl acetate (123-92-2)

Log Pow : 2,25

#### 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 treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

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

#### 14.1. UN number

UN-No. (ADR) : UN 1719

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : CAUSTIC ALKALI LIQUID, N.O.S.

Transport document description (ADR) : UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide, Disodium trioxosilicate), 8, II, (E)

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : 8

Danger labels (ADR) : 8



#### 14.4. Packing group

Packing group (ADR) : II

#### 14.5. Environmental hazards

Dangerous for the environment : No

Other information : No supplementary information available

#### 14.6. Special precautions for user

##### Overland transport

Classification code (ADR) : C5

Special provisions (ADR) : 274

Limited quantities (ADR) : 1I

Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02

Mixed packing provisions (ADR) : MP15

Portable tank and bulk container instructions (ADR) : T11

Portable tank and bulk container special provisions (ADR) : TP2, TP27

Tank code (ADR) : L4BN

Vehicle for tank carriage : AT

Transport category (ADR) : 2

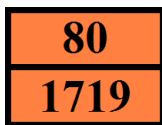
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Hazard identification number (Kemler No.) : 80

Orange plates :



Tunnel restriction code (ADR) : E

EAC code : 2R

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

Not applicable

## 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.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

#### 15.1.2. National regulations

##### Germany

Reference to AwSV : Water hazard class (WGK) 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

Waterbezwaarlijkheid : 9 - Harmful to aquatic organisms

Saneringsinspanningen : B - Lozing minimaliseren; toepassen van best uitvoerbare technieken

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Ontwikkeling : None of the components are listed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration

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IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative

Data sources : 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.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), 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 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
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
Ox. Sol. 2	Oxidising Solids, Category 2
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.

# Carclin Premax Extreme

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

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.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

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