

# SAFETY DATA SHEET



Based upon Regulation (EC) No. 1907/2006, as amended by Regulation (EC) No. 453/2010

## NOVACARE LEATHER CLEANER

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

#### 1.1 Product identifier:

**Product name** : NOVACARE LEATHER CLEANER  
**Registration number REACH** : Not applicable (mixture)  
**Product type REACH** : Mixture

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

##### 1.2.1 Relevant identified uses

Detergent according to Regulation (EC) No 648/2004

Leather: cleaning product

##### 1.2.2 Uses advised against

No uses advised against known

#### 1.3 Details of the supplier of the safety data sheet:

##### Supplier of the safety data sheet

Novatio International  
Industrielaan 5D  
B-2250 Olen  
☎ +32 14 25 76 40  
✉ +32 14 22 02 66  
info@novatio.be

##### Manufacturer of the product

Novatio International  
Industrielaan 5D  
B-2250 Olen  
☎ +32 14 25 76 40  
✉ +32 14 22 02 66  
info@novatio.be

#### 1.4 Emergency telephone number:

24h/24h (Telephone advice: English, French, German, Dutch):

+32 14 58 45 45 (BIG)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture:

##### 2.1.1 Classification according to Regulation EC No 1272/2008

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Class	Category	Hazard statements
STOT SE	category 3	H336: May cause drowsiness or dizziness.

##### 2.1.2 Classification according to Directive 67/548/EEC-1999/45/EC

Not classified as dangerous according to the criteria of Directive(s) 67/548/EEC and/or 1999/45/EC

#### 2.2 Label elements:

Labelling according to Regulation EC No 1272/2008 (CLP)



Contains: hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics.

**Signal word** Warning

**H-statements**

H336 May cause drowsiness or dizziness.

Created by: Brandweerinformatiecentrum voor gevaarlijke stoffen vzw (BIG)

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<http://www.big.be>

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Reason for revision: CLP-ATP4

Revision number: 0200

Publication date: 2007-07-26

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Product number: 45256

1 / 10

134-16239-449-en

# NOVACARE LEATHER CLEANER

## P-statements

P261	Avoid breathing vapours/mist.
P271	Use only outdoors or in a well-ventilated area.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.

## Supplemental information

EUH208	Contains: tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.
EUH066	Repeated exposure may cause skin dryness or cracking.

## 2.3 Other hazards:

### CLP

Material presenting a fire hazard

## SECTION 3: Composition/information on ingredients

### 3.1 Substances:

Not applicable

### 3.2 Mixtures:

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to DSD/DPD	Classification according to CLP	Note	Remark
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics 01-2119463258-33	64742-48-9	15% <C<30%	Xn; R65 R10 R66 R67	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H336		Constituent
tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione	5395-50-6 226-408-0	C<5 %	R43	Skin Sens. 1; H317	(1)	Constituent

(1) For R-phrases and H-statements in full: see heading 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures:

#### General:

If you feel unwell, seek medical advice.

#### After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

#### After skin contact:

Wash immediately with lots of water. Take victim to a doctor if irritation persists.

#### After eye contact:

Rinse with water. Take victim to an ophthalmologist if irritation persists.

#### After ingestion:

Rinse mouth with water. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

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

#### 4.2.1 Acute symptoms

##### After inhalation:

No effects known.

##### After skin contact:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Dry skin. Cracking of the skin.

##### After eye contact:

No effects known.

##### After ingestion:

No effects known.

#### 4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

Reason for revision: CLP-ATP4

Publication date: 2007-07-26

Date of revision: 2014-10-27

Revision number: 0200

Product number: 45256

2 / 10

# NOVACARE LEATHER CLEANER

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media:

#### 5.1.1 Suitable extinguishing media:

Water spray. Polyvalent foam. BC powder. Carbon dioxide.

#### 5.1.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known.

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

Upon combustion: formation of CO, CO<sub>2</sub> and small quantities of nitrous vapours.

### 5.3 Advice for firefighters:

#### 5.3.1 Instructions:

No specific fire-fighting instructions required.

#### 5.3.2 Special protective equipment for fire-fighters:

Gloves. Protective goggles. Head/neck protection. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

## SECTION 6: Accidental release measures

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

#### 6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

#### 6.1.2 Protective equipment for emergency responders

Gloves. Protective goggles. Head/neck protection. Protective clothing.

Suitable protective clothing

See heading 8.2

### 6.2 Environmental precautions:

Contain leaking substance.

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

Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

### 6.4 Reference to other sections:

See heading 13.

## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 7.1 Precautions for safe handling:

Keep away from naked flames/heat. Observe strict hygiene. Keep container tightly closed. Remove contaminated clothing immediately.

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

#### 7.2.1 Safe storage requirements:

Protect against frost. Keep container in a well-ventilated place. Meet the legal requirements.

#### 7.2.2 Keep away from:

Heat sources, oxidizing agents, (strong) bases, (strong) acids.

#### 7.2.3 Suitable packaging material:

No data available

#### 7.2.4 Non suitable packaging material:

No data available

### 7.3 Specific end use(s):

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters:

#### 8.1.1 Occupational exposure

##### a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

##### b) National biological limit values

If limit values are applicable and available these will be listed below.

# NOVACARE LEATHER CLEANER

## 8.1.2 Sampling methods

If applicable and available it will be listed below.

Petroleum Distillate (Naphthas)	NIOSH	1550
Petroleum Distillates fractions	OSHA	48

## 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

## 8.1.4 DNEL/PNEC values

If applicable and available it will be listed below.

## 8.1.5 Control banding

If applicable and available it will be listed below.

## 8.2 Exposure controls:

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

### 8.2.2 Individual protection measures, such as personal protective equipment

Observe strict hygiene. Keep container tightly closed. Do not eat, drink or smoke during work.

#### a) Respiratory protection:

Insufficient ventilation: wear respiratory protection.

#### b) Hand protection:

Gloves.

Materials	Breakthrough time	Thickness
nitrile rubber	>480 minutes	0.35 mm

#### c) Eye protection:

Protective goggles.

#### d) Skin protection:

Protective clothing. Head/neck protection.

### 8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

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

Physical form	Liquid
Odour	Characteristic odour
Odour threshold	No data available
Colour	No data available on colour
Particle size	Not applicable (liquid)
Explosion limits	0.7 - 6 vol %
Flammability	Material presenting a fire hazard
Log Kow	Not applicable (mixture)
Dynamic viscosity	2.7 Pa.s ; 20 °C
Kinematic viscosity	2821 mm²/s ; 20 °C
Melting point	0 °C
Boiling point	100 - 197 °C
Flash point	70 °C
Evaporation rate	0.3 ; butyl acetate
Relative vapour density	No data available
Vapour pressure	23.32 hPa ; 20 °C
Solubility	water ; insoluble
Relative density	0.957
Decomposition temperature	No data available
Auto-ignition temperature	270 °C
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	6.7

### 9.2 Other information:

Absolute density	957 kg/m³
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## SECTION 10: Stability and reactivity

Reason for revision: CLP-ATP4

Publication date: 2007-07-26

Date of revision: 2014-10-27

Revision number: 0200

Product number: 45256

4 / 10

# NOVACARE LEATHER CLEANER

## 10.1 Reactivity:

Temperature above flashpoint: higher fire/explosion hazard. Substance has neutral reaction.

## 10.2 Chemical stability:

Stable under normal conditions.

## 10.3 Possibility of hazardous reactions:

No data available.

## 10.4 Conditions to avoid:

Keep away from naked flames/heat.

## 10.5 Incompatible materials:

Oxidizing agents, (strong) bases, (strong) acids.

## 10.6 Hazardous decomposition products:

Upon combustion: formation of CO, CO<sub>2</sub> and small quantities of nitrous vapours.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects:

#### 11.1.1 Test results

#### Acute toxicity

##### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50		>5000 mg/kg		Rat	Similar product	
Dermal	LD50		>5000 mg/kg		Rat	Similar product	
Inhalation	LC50		4.95 mg/l	4 h	Rat	Similar product	

Judgement is based on the relevant ingredients

#### Conclusion

Not classified for acute toxicity

#### Corrosion/irritation

##### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

Judgement is based on the relevant ingredients

#### Conclusion

Not classified as irritating to the skin

Not classified as irritating to the eyes

Not classified as irritating to the respiratory system

#### Respiratory or skin sensitisation

##### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Sensitizing; category 1					Literature study	

Judgement is based on the relevant ingredients

#### Conclusion

Not classified as sensitizing for skin

Not classified as sensitizing for inhalation

#### Specific target organ toxicity

##### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

Classification is based on the relevant ingredients

#### Conclusion

May cause drowsiness or dizziness.

Reason for revision: CLP-ATP4

Publication date: 2007-07-26

Date of revision: 2014-10-27

Revision number: 0200

Product number: 45256

5 / 10

# NOVACARE LEATHER CLEANER

Not classified for subchronic toxicity

## Mutagenicity (in vitro)

### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

## Mutagenicity (in vivo)

### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

## Carcinogenicity

### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

## Reproductive toxicity

### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

Judgement is based on the relevant ingredients

### Conclusion CMR

Not classified for carcinogenicity

Not classified for mutagenic or genotoxic toxicity

Not classified for reprotoxic or developmental toxicity

## Toxicity other effects

### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

Classification is based on the relevant ingredients

### Conclusion

Repeated exposure may cause skin dryness or cracking.

## Chronic effects from short and long-term exposure

### NOVACARE LEATHER CLEANER

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Skin rash/inflammation.

## SECTION 12: Ecological information

### 12.1 Toxicity:

#### NOVACARE LEATHER CLEANER

No (test)data on the mixture available

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50		>1000 mg/l	96 h	Pisces			
	LC50		>1000 mg/l	96 h	Salmo gairdneri			
Acute toxicity invertebrates	EC50		>1000 mg/l		Amphipoda			
	EC0		1000 mg/l	48 h	Daphnia magna			
Toxicity algae and other aquatic plants	NOEL		100 mg/l	72 h	Pseudokirchneria subcapitata			
	EC50		>1000 mg/l	72 h	Pseudokirchneria subcapitata			

Judgement is based on the relevant ingredients of the mixture

### Conclusion

Not classified as dangerous for the environment according to the criteria of Directive 1999/45/EC

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

### 12.2 Persistence and degradability:

Reason for revision: CLP-ATP4

Publication date: 2007-07-26

Date of revision: 2014-10-27

Revision number: 0200

Product number: 45256

6 / 10

# NOVACARE LEATHER CLEANER

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

## Biodegradation water

Method	Value	Duration	Value determination
OECD 301F: Manometric Respirometry Test	70 %	28 day(s)	Experimental value
	80 %	28 day(s)	

## Conclusion

No test data of component(s) available

## 12.3 Bioaccumulative potential:

NOVACARE LEATHER CLEANER

### Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

### Log Kow

Method	Remark	Value	Temperature	Value determination
		> 3		

tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione

### Log Kow

Method	Remark	Value	Temperature	Value determination
	No data available			

## Conclusion

No test data of component(s) available

## 12.4 Mobility in soil:

No (test)data on mobility of the components available

## 12.5 Results of PBT and vPvB assessment:

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

## 12.6 Other adverse effects:

NOVACARE LEATHER CLEANER

### Global warming potential (GWP)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EC) No 517/2014)

### Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

### Ground water

Ground water pollutant

## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 13.1 Waste treatment methods:

#### 13.1.1 Provisions relating to waste

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

20 01 30 (separately collected fractions (except 15 01): detergents other than those mentioned in 20 01 29). Depending on branch of industry and production process, also other waste codes may be applicable. Can be considered as non hazardous waste according to Directive 2008/98/EC.

#### 13.1.2 Disposal methods

Remove to an authorized waste treatment plant. Remove waste in accordance with local and/or national regulations. Use appropriate containment to avoid environmental contamination. Do not discharge into the sewer.

#### 13.1.3 Packaging/Container

No data available.

## SECTION 14: Transport information

### Road (ADR)

#### 14.1 UN number:

Transport	Not subject
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Reason for revision: CLP-ATP4

Publication date: 2007-07-26

Date of revision: 2014-10-27

Revision number: 0200

Product number: 45256

7 / 10

# NOVACARE LEATHER CLEANER

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

## Rail (RID)

14.1 UN number:

Transport	Not subject
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14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

## Inland waterways (ADN)

14.1 UN number:

Transport	Not subject
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14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

## Sea (IMDG/IMSBC)

14.1 UN number:

Transport	Not subject
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14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class	
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14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Marine pollutant	-
Environmentally hazardous substance mark	no

14.6 Special precautions for user:

Special provisions	
Limited quantities	

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Reason for revision: CLP-ATP4

Publication date: 2007-07-26

Date of revision: 2014-10-27

Revision number: 0200

Product number: 45256

8 / 10



# NOVACARE LEATHER CLEANER

Annex II of MARPOL 73/78

## Air (ICAO-TI/IATA-DGR)

14.1 UN number:

Transport

Not subject

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class

14.4 Packing group:

Packing group

Labels

14.5 Environmental hazards:

Environmentally hazardous substance mark

no

14.6 Special precautions for user:

Special provisions

Passenger and cargo transport: limited quantities: maximum net quantity per packaging

## SECTION 15: Regulatory information

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

#### European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
23.95 %	
228.697 g/l	

Ingredients according to Regulation (EC) No 648/2004 and amendments

15-30% aliphatic hydrocarbons, <5% non-ionic surfactants, <5% anionic surfactants, perfumes, tetramethylol acetylenediurea

#### National legislation The Netherlands

NOVACARE LEATHER CLEANER

Waste identification (the Netherlands)	LWCA (the Netherlands): KGA category 03
Waterbezwaarlijkheid	11

#### National legislation Germany

NOVACARE LEATHER CLEANER

WGK	1; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
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#### National legislation France

NOVACARE LEATHER CLEANER

No data available

#### National legislation Belgium

NOVACARE LEATHER CLEANER

No data available

#### Other relevant data

NOVACARE LEATHER CLEANER

No data available

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

IARC - classification	3; Some petroleum solvents
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### 15.2 Chemical safety assessment:

No chemical safety assessment is required.

## SECTION 16: Other information

#### Labelling according to Directive 67/548/EEC-1999/45/EC (DSD/DPD)

Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC

Contains: tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

#### Full text of any R-phrases referred to under headings 2 and 3:

R10 Flammable

R43 May cause sensitisation by skin contact

Reason for revision: CLP-ATP4

Publication date: 2007-07-26

Date of revision: 2014-10-27

Revision number: 0200

Product number: 45256

9 / 10

# NOVACARE LEATHER CLEANER

R65 Harmful: may cause lung damage if swallowed  
R66 Repeated exposure may cause skin dryness or cracking  
R67 Vapours may cause drowsiness and dizziness

**Full text of any H-statements referred to under headings 2 and 3:**

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H317 May cause an allergic skin reaction.  
H336 May cause drowsiness or dizziness.

(\*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive

DPD Dangerous Preparation Directive

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.