

# SAFETY DATA SHEET

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2020/878

## NOVACARE SHAMP-WAX

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

#### 1.1. Product identifier

**Product name** : NOVACARE SHAMP-WAX  
**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

##### 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\*  
Industrielaan 5B  
B-2250 Olen  
☎ +32 14 25 76 40  
☎ +32 14 22 02 66  
info@novatio.be  
\*NOVATIO is a registered trademark of Novatech International N.V.

##### Manufacturer of the product

Novatech International N.V.  
Industrielaan 5B  
B-2250 Olen  
☎ +32 14 85 97 37  
☎ +32 14 85 97 38  
info@novatech.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

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

Class	Category	Hazard statements
Eye Dam.	category 1	H318: Causes serious eye damage.
Skin Irrit.	category 2	H315: Causes skin irritation.
Aquatic Chronic	category 3	H412: Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements



Contains: isotridecanol, ethoxylated; 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol.

**Signal word** Danger

##### H-statements

H318 Causes serious eye damage.  
H315 Causes skin irritation.  
H412 Harmful to aquatic life with long lasting effects.

##### P-statements

P280 Wear protective gloves, protective clothing and eye protection/face protection.  
P264 Wash hands thoroughly after handling.  
P273 Avoid release to the environment.  
P302 + P352 IF ON SKIN: Wash with plenty of water and soap.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

# NOVACARE SHAMP-WAX

P310

Immediately call a POISON CENTER/doctor.

## 2.3. Other hazards

No other hazards known

## 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 CLP	Note	Remark	M-factors and ATE
isotridecanol, ethoxylated	69011-36-5	C≤10%	Acute Tox. 4; H302 Eye Dam. 1; H318	(1)(10)	Constituent	
2-(2-heptadec-8-enyl-2-imidazolin-1-yl) ethanol 01-2119777867-13	95-38-5 202-414-9	C≤3%	Acute Tox. 4; H302 STOT RE 2; H373 Skin Corr. 1C; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	(1)(10)	Constituent	M: 10 (Acute, ECHA) M: 1 (Chronic, ECHA)

(1) For H- and EUH-statements in full: see section 16

(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General:**

Observe (own) safety. If possible, approach victim and check vital functions. In case of injury and/or intoxication, call the European emergency number 112. Treat symptoms starting with most life-threatening injuries and disorders. Keep victim under observation, possibility of delayed symptoms.

**After inhalation:**

Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

**After skin contact:**

If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water. If irritation persists, consult a doctor/medical service.

**After eye contact:**

Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a doctor/medical service.

**After ingestion:**

Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

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

**4.2.1 Acute symptoms****After inhalation:**

No effects known.

**After skin contact:**

Tingling/irritation of the skin.

**After eye contact:**

Corrosion of the eye tissue.

**After ingestion:**

Headache. Vomiting. Gastrointestinal complaints. Diarrhoea. Drowsiness.

**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.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**5.1.1 Suitable extinguishing media:**

Small fire: Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting class B foam extinguisher, Quick-acting CO2 extinguisher.

Major fire: Class B foam (not alcohol-resistant).

**5.1.2 Unsuitable extinguishing media:**

Small fire: Water (quick-acting extinguisher, reel); risk of puddle expansion.

Major fire: Water; risk of puddle expansion.

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## 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:

Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.

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

Gloves (EN 374). Face shield (EN 166). Protective clothing (EN 14605 or EN 13034). Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137).

## SECTION 6: Accidental release measures

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

No naked flames.

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

See section 8.2

#### 6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Face shield (EN 166). Protective clothing (EN 14605 or EN 13034).

##### Suitable protective clothing

See section 8.2

### 6.2. Environmental precautions

Contain released product. Dam up the liquid spill. Prevent soil and water pollution. Prevent spreading in sewers.

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

Take up liquid spill into inert absorbent material. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

### 6.4. Reference to other sections

See section 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 normal hygiene standards. Keep container tightly closed. Do not discharge the waste into the drain.

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

#### 7.2.1 Safe storage requirements:

Storage temperature: < 50 °C. Keep container in a well-ventilated place. Protect against frost. Keep out of direct sunlight. Meet the legal requirements.

#### 7.2.2 Keep away from:

Heat sources.

#### 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.

#### 8.1.2 Sampling methods

If applicable and available it will be listed below.

#### 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 Threshold values

DNEL/DMEL - Workers

# NOVACARE SHAMP-WAX

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	0.46 mg/m <sup>3</sup>	
	Acute systemic effects inhalation	14 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	0.06 mg/kg bw/day	
	Acute systemic effects dermal	2 mg/kg bw/day	

## PNEC

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

Compartments	Value	Remark
Fresh water	< 0.01 mg/l	
Marine water	< 0.01 mg/l	
Fresh water (intermittent releases)	< 0.01 mg/l	
STP	0.26 mg/l	
Fresh water sediment	0.376 mg/kg sediment dw	
Marine water sediment	0.038 mg/kg sediment dw	
Soil	0.075 mg/kg soil dw	

### 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 normal hygiene standards. Do not eat, drink or smoke during work.

#### a) Respiratory protection:

Respiratory protection not required in normal conditions. Insufficient ventilation: wear respiratory protection.

#### b) Hand protection:

Protective gloves against chemicals (EN 374).

Materials	Measured breakthrough time	Thickness	Protection index	Remark
nitrile rubber	> 480 minutes	0.35 mm	Class 6	

#### c) Eye protection:

Protective goggles (EN 166).

#### d) Skin protection:

Head/neck protection. Protective clothing (EN 14605 or EN 13034).

### 8.2.3 Environmental exposure controls:

See sections 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 in the literature
Colour	Variable in colour, depending on the composition
Particle size	Not applicable (liquid)
Explosion limits	0.850 - 24.600 vol %
Flammability	Not classified as flammable
Log Kow	Not applicable (mixture)
Dynamic viscosity	40 mPa.s ; 20 °C
Kinematic viscosity	40 mm <sup>2</sup> /s ; 40 °C
Melting point	0 °C
Boiling point	78 °C - 233 °C
Relative vapour density	No data available in the literature
Vapour pressure	23 hPa ; 20 °C
Solubility	Water ; insoluble
Relative density	1.00 ; 20 °C
Absolute density	1004 kg/m <sup>3</sup> ; 20 °C
Decomposition temperature	No data available in the literature
Auto-ignition temperature	200 °C
Flash point	No data available in the literature
pH	6.0

### 9.2. Other information

Evaporation rate	0.3 ; Butyl acetate
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# NOVACARE SHAMP-WAX

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Heating increases the fire hazard. Acid reaction.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

#### Precautionary measures

Keep away from naked flames/heat.

### 10.5. Incompatible materials

No data available.

### 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 hazard classes as defined in Regulation (EC) No 1272/2008

#### 11.1.1 Test results

#### Acute toxicity

##### NOVACARE SHAMP-WAX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

isotridecanol, ethoxylated

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral			category 4			Literature study	

##### 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	OECD 401	1265 mg/kg		Rat (male / female)	Experimental value	
Dermal						Data waiving	
Inhalation						Data waiving	

#### Conclusion

Not classified for acute toxicity

#### Corrosion/irritation

##### NOVACARE SHAMP-WAX

No (test)data on the mixture available

Classification is based on the relevant ingredients

isotridecanol, ethoxylated

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage; category 1						

##### 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage	Equivalent to OECD 405		24; 72 hours	Rabbit	Experimental value	Single treatment
Skin	Corrosive	OECD 404	4 h	1; 24 hours	Rabbit	Experimental value	

#### Conclusion

Causes skin irritation.

Causes serious eye damage.

Not classified as irritating to the respiratory system

#### Respiratory or skin sensitisation

##### NOVACARE SHAMP-WAX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

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## 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	Equivalent to OECD 406		24 hours	Guinea pig (male / female)	Experimental value	

### Conclusion

Not classified as sensitizing for skin  
Not classified as sensitizing for inhalation

### Specific target organ toxicity

#### NOVACARE SHAMP-WAX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

#### 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral (stomach tube)	NOAEL	OECD 422	20 mg/kg bw/day		No effect	31 day(s) - 51 day(s)	Rat (male / female)	Experimental value
Oral (stomach tube)	LOAEL	OECD 422	≥ 60 mg/kg bw/day		No effect	31 day(s) - 51 day(s)	Rat (male / female)	Experimental value

### Conclusion

Not classified for subchronic toxicity

### Mutagenicity (in vitro)

#### NOVACARE SHAMP-WAX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

#### 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

Result	Method	Test substrate	Effect	Value determination	Remark
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria ( <i>S.typhimurium</i> )		Experimental value	
Negative with metabolic activation, negative without metabolic activation	OECD 476	Chinese hamster ovary (CHO)		Experimental value	

### Mutagenicity (in vivo)

#### NOVACARE SHAMP-WAX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

### Conclusion

Not classified for mutagenic or genotoxic toxicity

### Carcinogenicity

#### NOVACARE SHAMP-WAX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

### Conclusion

Not classified for carcinogenicity

### Reproductive toxicity

#### NOVACARE SHAMP-WAX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

#### 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity (Oral (stomach tube))	NOEC	OECD 422	> 60 mg/kg bw/day		Rat (male / female)	No effect		Experimental value
Maternal toxicity (Oral (stomach tube))	NOAEL	OECD 422	> 20 mg/kg bw/day	51 day(s)	Rat (male / female)	No effect		Experimental value
Effects on fertility (Oral (stomach tube))	NOAEL (P)	OECD 422	> 20 mg/kg bw/day	31 day(s) - 51 day (s)	Rat (male / female)	No effect		Experimental value
	NOAEL (F1)	OECD 422	> 60 mg/kg bw/day	31 week(s) - 51 week(s)	Rat (male / female)	No effect		Experimental value

### Conclusion

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# NOVACARE SHAMP-WAX

Not classified for reprotoxic or developmental toxicity

## Aspiration hazard

Judgement is based on the relevant ingredients  
Not classified for aspiration toxicity

## Toxicity other effects

### NOVACARE SHAMP-WAX

No (test) data on the mixture available

## Chronic effects from short and long-term exposure

### NOVACARE SHAMP-WAX

No effects known.

## 11.2. Information on other hazards

No evidence of endocrine disrupting properties

## SECTION 12: Ecological information

### 12.1. Toxicity

#### NOVACARE SHAMP-WAX

No (test) data on the mixture available

Classification is based on the relevant ingredients

#### 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	OECD 203	0.3 mg/l	96 h	Danio rerio	Static system	Fresh water	Experimental value; Nominal concentration
Acute toxicity crustacea	EC50	OECD 202	0.16 mg/l	48 h	Daphnia magna	Semi-static system	Fresh water	Experimental value; GLP
Toxicity algae and other aquatic plants	ErC50	OECD 201	0.03 mg/l	72 h	Desmodesmus subspicatus	Static system	Fresh water	Experimental value; GLP
	NOEC	OECD 201	0.011 mg/l	72 h	Desmodesmus subspicatus	Static system	Fresh water	Experimental value; GLP
Toxicity aquatic micro-organisms	EC50		26 mg/l		Bacteria			Literature study; Acute
	IC50	OECD 209	26 mg/l	180 minutes	Activated sludge	Static system	Fresh water	Experimental value; Nominal concentration

### Conclusion

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

#### isotridecanol, ethoxylated

##### Biodegradation water

Method	Value	Duration	Value determination
OECD 301B	82 %	28 day(s)	Experimental value

#### 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

##### Biodegradation water

Method	Value	Duration	Value determination
OECD 301B	1 %	28 day(s)	Experimental value

### Conclusion

#### Water

The surfactant(s) is/are biodegradable according to Regulation (EC) No 648/2004

### 12.3. Bioaccumulative potential

#### NOVACARE SHAMP-WAX

##### Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

# NOVACARE SHAMP-WAX

isotridecanol, ethoxylated

## BCF fishes

Parameter	Method	Value	Duration	Species	Value determination
BCF		232.5 l/kg	54 h - 72 h	Pimephales promelas	Experimental value

## Log Kow

Method	Remark	Value	Temperature	Value determination
OECD 117		6.4	22 °C	Weight of evidence approach

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

## BCF fishes

Parameter	Method	Value	Duration	Species	Value determination
BCF	BCFBAF v3.00	372 l/kg; Fresh weight		Pisces	QSAR

## Log Kow

Method	Remark	Value	Temperature	Value determination
		8.4		Calculated

## Conclusion

Does not contain bioaccumulative component(s)

## 12.4. Mobility in soil

isotridecanol, ethoxylated

### (log) Koc

Parameter	Method	Value	Value determination
log Koc		2.376 - 2.645	QSAR

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

### (log) Koc

Parameter	Method	Value	Value determination
log Koc	SRC PCKOCWIN v2.0	5.1	Calculated value

## Conclusion

Contains component(s) that adsorb(s) into the soil  
Contains component(s) with potential for mobility in the soil

## 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. Endocrine disrupting properties

No evidence of endocrine disrupting properties

## 12.7. Other adverse effects

### NOVACARE SHAMP-WAX

#### Greenhouse gases

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

#### Ozone-depleting potential (ODP)

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

isotridecanol, ethoxylated

#### Groundwater

Groundwater pollutant

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

#### Groundwater

Groundwater pollutant

#### Water ecotoxicity pH

pH shift

## 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

##### European Union

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

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

20 01 29\* (separately collected fractions (except 15 01): detergents containing hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable.

#### 13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste.

Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

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## 13.1.3 Packaging/Container

### European Union

Waste material code packaging (Directive 2008/98/EC).

15 01 10\* (packaging containing residues of or contaminated by dangerous substances).

## SECTION 14: Transport information

### Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

#### 14.1. UN number/ID 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	

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

Annex II of MARPOL 73/78	Not applicable, based on available data
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## 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
0.08 %	
5.8 g/l	

Directive 2012/18/EU (Seveso III)

Not subject to registration according to Directive 2012/18/EU (Seveso III)

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

5-15% non-ionic surfactants, <5% cationic surfactants

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

	Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
<ul style="list-style-type: none"> <li>· isotridecanol, ethoxylated</li> <li>· 2-(2-heptadec-8-enyl-2-imidazolyl-1-yl) ethanol</li> </ul>	<p>Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008:</p> <p>(a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F;</p> <p>(b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10;</p> <p>(c) hazard class 4.1;</p> <p>(d) hazard class 5.1.</p>	<ol style="list-style-type: none"> <li>1. Shall not be used in: <ul style="list-style-type: none"> <li>— ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,</li> <li>— tricks and jokes,</li> <li>— games for one or more participants, or any article intended to be used as such, even with ornamental aspects,</li> </ul> </li> <li>2. Articles not complying with paragraph 1 shall not be placed on the market.</li> <li>3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: <ul style="list-style-type: none"> <li>— can be used as fuel in decorative oil lamps for supply to the general public, and,</li> <li>— present an aspiration hazard and are labelled with H304,</li> </ul> </li> <li>4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).</li> <li>5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met: <ol style="list-style-type: none"> <li>a) lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life-threatening lung damage";</li> <li>b) grill lighter fluids, labelled with H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead to life threatening lung damage";</li> <li>c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.</li> </ol> </li> </ol>

**National legislation Belgium**  
NOVACARE SHAMP-WAX

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No data available

## National legislation The Netherlands

NOVACARE SHAMP-WAX

Waterbezwaarlijkheid	A (2); Algemene Beoordelingsmethodiek (ABM)
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## National legislation France

NOVACARE SHAMP-WAX

No data available

## National legislation Germany

NOVACARE SHAMP-WAX

WGK	2; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017
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isotridecanol, ethoxylated

TA-Luft	5.2.5/1
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2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

TA-Luft	5.2.5
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## National legislation Austria

NOVACARE SHAMP-WAX

No data available

## National legislation United Kingdom

NOVACARE SHAMP-WAX

No data available

## Other relevant data

NOVACARE SHAMP-WAX

No data available

## 15.2. Chemical safety assessment

No chemical safety assessment has been conducted for the mixture.

## SECTION 16: Other information

### Full text of any H- and EUH-statements referred to under section 3:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H373 May cause damage to organs (gastrointestinal tract, thymus) through prolonged or repeated exposure if swallowed.

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.

(*)	INTERNAL CLASSIFICATION BY BIG
ADI	Acceptable daily intake
AOEL	Acceptable operator exposure level
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
BEI	Biological Exposure Indices
CLP (EU-GHS)	Classification, labelling and packaging (Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EC10	Effect Concentration 10 %
EC50	Effect Concentration 50 %
ERC50	EC50 in terms of reduction of growth rate
GLP	Good Laboratory Practice
LC0	Lethal Concentration 0 %
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
LOAEC/LOAEL	Lowest Observed Adverse Effect Concentration/Lowest Observed Adverse Effect Level
NOAEC/NOAEL	No Observed Adverse Effect Concentration/No Observed Adverse Effect Level
NOEC/NOEL	No Observed Effect Concentration/No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration
STP	Sludge Treatment Process
vPvB	very Persistent & very Bioaccumulative

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. 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

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