

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## OLI-NATURA Natec

Revision date: 13.03.2019

Product code: A02893

Page 1 of 9

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

#### 1.1. Product identifier

OLI-NATURA Natec

#### Further trade names

OLI-NATURA Natec  
farblos und eingefärbt

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

##### Use of the substance/mixture

Colour

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

Company name:	Oli Lacke GmbH	
Street:	Bahnhofstrase 22	
Place:	D-09244 Lichtenau	
Telephone:	+49(0)37208/84200	Telefax: +49(0)37208/84268
e-mail:	entwicklung@oli-lacke.de	
Internet:	www.oli-lacke.de	

#### 1.4. Emergency telephone number:

Gemeins. Gifinformationszentrum Erfurt  
+49(0)361/730730

### SECTION 2: Hazards identification

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

##### Regulation (EC) No. 1272/2008

Hazard categories:  
Skin corrosion/irritation: Skin Irrit. 2  
Serious eye damage/eye irritation: Eye Dam. 1  
Respiratory or skin sensitisation: Skin Sens. 1  
Hazard Statements:  
Causes skin irritation.  
Causes serious eye damage.  
May cause an allergic skin reaction.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

Acrylatharz  
DPGDA  
pentaerythritol tetraacrylate  
Oxybis(methyl-2,1-ethandiyl)diacrylat  
Trimethylolpropan-ethoxylat-triacrylat  
Bisphenol-A-epoxydiacrylat  
Glycerylpropoxytriacylat

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later.

Signal word: Danger

Pictograms:



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**OLI-NATURA Natec**

Revision date: 13.03.2019

Product code: A02893

Page 2 of 9

**Hazard statements**

- |      |                                      |
|------|--------------------------------------|
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage.           |

**Precautionary statements**

- |                |  |
|----------------|--|
| P102           | Keep out of reach of children.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

**2.3. Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### OLI-NATURA Natec

Revision date: 13.03.2019

Product code: A02893

Page 3 of 9

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
	Acrylatharz			25 - < 30 %
	Eye Irrit. 2, Skin Sens. 1; H319 H317			
57472-68-1	DPGDA			15 - < 20 %
	260-754-3			
	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1; H315 H318 H317			
4986-89-4	pentaerythritol tetraacrylate			5 - < 10 %
	225-644-1	607-122-00-9		
	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1; H319 H315 H317			
57472-68-1	Oxybis(methyl-2,1-ethandiyl)diacrylat			5 - < 10 %
	260-754-3		01-2119484629-21	
	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1; H315 H318 H317			
28961-43-5	Trimethylolpropan-ethoxylat-triacrylat			1 - < 5 %
	500-066-5			
	Eye Irrit. 2, Skin Sens. 1; H319 H317			
55818-57-0	Bisphenol-A-epoxydiacrylat			1 - < 5 %
	500-130-2			
	Skin Sens. 1B; H317			
123-86-4	n-butyl acetate			1 - < 5 %
	204-658-1	607-025-00-1	01-2119485493-29	
	Flam. Liq. 3, STOT SE 3; H226 H336 EUH066			
7473-98-5	2-Hydroxy-2-methylpropiophenon			1 - < 5 %
	231-272-0			
	Acute Tox. 4, Aquatic Chronic 3; H302 H412			
108-65-6	2-methoxy-1-methylethyl acetate			1 - < 5 %
	203-603-9	607-195-00-7	01-2119475791-29	
	Flam. Liq. 3; H226			
52408-84-1	Glycerylpropoxytriacylat			< 1 %
	500-114-5		01-2119487948-12	
	Eye Irrit. 2B, Skin Sens. 1; H320 H317			
	Kohlenwasserstoffe, C11-13, Isoalkane, < 2% Aromaten			< 1 %
	920-901-0		01-2119456810-40	

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

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

In all cases of doubt, or when symptoms persist, seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**OLI-NATURA Natec**

Revision date: 13.03.2019

Product code: A02893

Page 4 of 9

**After inhalation**

Move victim to fresh air. Put victim at rest and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration.

**After contact with skin**

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not wash with: Solvents/Thinner

**After contact with eyes**

Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion**

If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

Impaired consciousness

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

Immediately call a doctor.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water mist

**Unsuitable extinguishing media**

High power water jet.

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

Burning produces heavy smoke. Hazardous decomposition products: carbon black Danger of serious damage to health by prolonged exposure. Use appropriate respiratory protection.

**5.3. Advice for firefighters**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Keep away from sources of ignition - No smoking. Provide adequate ventilation. In case of fire and/or explosion do not breathe fumes. Safe handling: see section 7 Personal protection equipment: see section 8

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Observe in addition any national regulations! In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean with detergents. Avoid solvent cleaners.

**6.4. Reference to other sections**

See section 8.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### OLI-NATURA Natec

Revision date: 13.03.2019

Product code: A02893

Page 5 of 9

#### Advice on safe handling

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Even after use and until complete evaporation of the flammable components, there is still a danger of an explosive steam-air mixture forming. Only use the material in places where open light, fire and other flammable sources can be kept away. Take precautionary measures against static discharges. Use explosion-proof electrical equipment. Provide earthing of containers, equipment, pumps and ventilation facilities. Wear anti-static footwear and clothing Use only antistatically equipped (spark-free) tools.

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or spray/mists, Inhalation of dust/particles When using do not eat, drink or smoke. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

#### Advice on protection against fire and explosion

Concentrated vapours are heavier than air. Vapours may form explosive mixtures with air.

#### Further information on handling

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later.

Observe in addition any national regulations!

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

#### Requirements for storage rooms and vessels

Store in accordance with: Betriebssicherheitsverordnung (BetrSichV)

#### Advice on storage compatibility

Do not store together with: Oxidising agent, Strong acid, Strong alkali

#### Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place. Keep away from heat. Notice the directions for use on the label. Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in a place accessible by authorized persons only. Always close containers tightly after the removal of product.

### 7.3. Specific end use(s)

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
108-65-6	1-Methoxypropyl acetate	50	274		TWA (8 h)	WEL
		100	548		STEL (15 min)	WEL
123-86-4	Butyl acetate	150	724		TWA (8 h)	WEL
		200	966		STEL (15 min)	WEL

### 8.2. Exposure controls

#### Appropriate engineering controls

Use only in well-ventilated areas. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

#### Protective and hygiene measures

Wash hands before breaks and after work. Do not eat, drink, smoke or sneeze at the workplace.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### OLI-NATURA Natec

Revision date: 13.03.2019

Product code: A02893

Page 6 of 9

#### Eye/face protection

Tightly sealed safety glasses.

#### Hand protection

Tested protective gloves are to be worn: NBR (Nitrile rubber). The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Use protective skin cream before handling the product.

#### Skin protection

Protective clothing: Natural fibres (e.g. cotton) heat-resistant synthetic fibres

#### Respiratory protection

During spraying wear suitable respiratory equipment. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

#### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

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

Physical state: liquid

Colour:

#### Test method

#### Changes in the physical state

Flash point:	> 60 °C	DIN EN ISO 1523
Lower explosion limits:	1,4 vol. %	
Upper explosion limits:	10,4 vol. %	
Ignition temperature:	240 °C	
Density (at 20 °C):	1,1 g/cm <sup>3</sup>	ISO 2811
Flow time: (at 20 °C)	verarbeitungsfertig	
Solvent separation test:	< 3 %	
Solvent content:	4 %	

### 9.2. Other information

Solid content: 96 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

refer to chapter 7. No further action is necessary.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Exothermic reactions with: Alkalis (alkalis), concentrated. Acid, concentrated. Oxidizing agents, strong.

### 10.4. Conditions to avoid

Thermal decomposition can lead to the escape of irritating gases and vapours.

### 10.5. Incompatible materials

Rubber articles

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Nitrogen oxides (NOx).

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### OLI-NATURA Natec

Revision date: 13.03.2019

Product code: A02893

Page 7 of 9

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
7473-98-5	2-Hydroxy-2-methylpropiophenon					
	oral	ATE 500 mg/kg				
108-65-6	2-methoxy-1-methylethyl acetate					
	oral	LD50 8532 mg/kg	Rat	RTECS		
	dermal	LD50 7500 mg/kg	Rabbit			

#### Irritation and corrosivity

Irritating to eyes.

#### Sensitising effects

May cause sensitization by skin contact.

#### Carcinogenic/mutagenic/toxic effects for reproduction

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

#### Additional information on tests

There are no data available on the preparation/mixture itself. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

## SECTION 12: Ecological information

### 12.1. Toxicity

There are no data available on the mixture itself.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
108-65-6	2-methoxy-1-methylethyl acetate					
	Acute fish toxicity	LC50 161 mg/l	96 h	Pimephales promelas		
	Acute crustacea toxicity	EC50 408 mg/l	48 h	Daphnia magna		

### 12.2. Persistence and degradability

There are no data available on the mixture itself.

### 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
108-65-6	2-methoxy-1-methylethyl acetate	0,43

### 12.4. Mobility in soil

There are no data available on the mixture itself.

### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6. Other adverse effects

There are no data available on the preparation/mixture itself.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**OLI-NATURA Natec**

Revision date: 13.03.2019

Product code: A02893

Page 8 of 9

**Further information**

There are no data available on the preparation/mixture itself. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

**Waste disposal number of waste from residues/unused products**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

**Waste disposal number of used product**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

**Waste disposal number of contaminated packaging**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

**Inland waterways transport (ADN)****Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)****Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Air transport (ICAO-TI/IATA-DGR)****Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

refer to chapter 7. No further action is necessary.

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

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

**SECTION 15: Regulatory information**



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### OLI-NATURA Natec

Revision date: 13.03.2019

Product code: A02893

Page 9 of 9

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

##### **EU regulatory information**

2004/42/EC (VOC): 44 g/l

##### **National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

##### **Additional information**

Observe in addition any national regulations!

#### **15.2. Chemical safety assessment**

For this substance a chemical safety assessment is not required.

### **SECTION 16: Other information**

#### **Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	Calculation method

##### **Relevant H and EUH statements (number and full text)**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

##### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*