

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## NEXLER zielony dach

Creation date	06th December 2021	Version	1.1
Revision date	25th June 2024		

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

#### 1.1. Product identifier

Substance / mixture

NEXLER zielony dach

ARTICLE. SDSs do not have to be provided for articles. Although the SDS format may be used to convey safety information down the supply chain, it is not adapted to most articles.

Other names (synonyms)

NEXLER Zielony dach PYE PV200 S42

NEXLER Zielony dach PYE PV250 S50

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

##### Mixture's intended use

The roofing felt is intended for waterproofing as a top layer in multi-layer roofing, including heavy surface protection and roofing for plant crops - roofing felt is resistant to overgrowing plant roots.

##### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

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

##### Supplier

Name or trade name

NEXLER sp. z o.o.

Address

Łużycka 6, Gdynia, 81-537

Poland

Identification number (CRN)

191528483

VAT Reg No

PL5862073821

Phone

+48 58 781 45 85

E-mail

info@nexler.com

Web address

www.nexler.com

##### Competent person responsible for the safety data sheet

Name

NEXLER sp. z o.o.

E-mail

info@nexler.com

#### 1.4. Emergency telephone number

National Health Service (NHS) 111

National poisoning information centre Scotland, NHS 24: 111

### SECTION 2: Hazards identification

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

##### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

#### 2.2. Label elements

##### Precautionary statements

P280

Wear protective gloves/protective clothing.

##### Supplemental information

EUH208

Contains Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate. May produce an allergic reaction.

#### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 66423-13-0 EC: 266-358-7 Registration number: 01-2119928322-44	Octyl (R)-2-(4-chloro-2-methylphenoxy) propionate	0,16-0,2	Acute Tox. 4, H302 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

##### If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

##### If on skin

Remove contaminated clothes.

##### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

##### If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

##### If inhaled

Not expected.

##### If on skin

Not expected.

##### If in eyes

Not expected.

##### If swallowed

Not expected.

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

Symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

##### Unsuitable extinguishing media

Not defined.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

### SECTION 6: Accidental release measures

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

Follow the instructions in the Sections 7 and 8.

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### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

The product should be protected against moisture and sunlight. The rolls of roofing felt should be placed in an upright position in a way that prevents their movement and damage. The rolls of roofing felt should be stored on an even surface in an amount not exceeding 1200 pieces, maintaining a distance of 80 cm from the next batch of goods and at a distance of min. 120 cm from the radiators.

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

#### DNEL

Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	3.2 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Inhalation	6.4 mg/m <sup>3</sup>	Acute effects systemic		
Workers	Dermal	0.45 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	0.9 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Inhalation	1.8 mg/m <sup>3</sup>	Acute effects systemic		
Consumers	Dermal	0.3 mg/kg bw/day	Chronic effects systemic		
Consumers	Oral	0.3 mg/kg bw/day	Chronic effects systemic		
Consumers	Oral	0.3 mg/kg bw/day	Acute effects systemic		

#### PNEC

Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate			
Route of exposure	Value	Value determination	Source
Drinking water	0.119 mg/l		
Water (intermittent release)	0.239 mg/l		
Marine water	0.012 mg/l		
Microorganisms in sewage treatment	12 mg/l		
Freshwater sediment	2.03 mg/kg of dry substance of sediment		
Sea sediments	0.2 mg/kg of dry substance of sediment		

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Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate			
Route of exposure	Value	Value determination	Source
Soil (agricultural)	0.336 mg/kg of dry substance of soil		

### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

It is not needed.

#### Skin protection

When handling in long-term or repeatedly, use protective gloves.

#### Respiratory protection

It is not needed.

#### Thermal hazard

Data not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

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

Physical state	solid
Colour	black
Odour	characteristic
Melting point/freezing point	not applicable
Boiling point or initial boiling point and boiling range	not applicable
Flammability	the product is not flammable
Lower and upper explosion limit	not applicable
Flash point	not applicable
Auto-ignition temperature	not applicable
Decomposition temperature	not applicable
pH	non-soluble (in water)
Kinematic viscosity	not applicable
Kinematic viscosity	not applicable
Solubility in water	insoluble
Solubility in other solvents	partially soluble in organic solvents
Partition coefficient n-octanol/water (log value)	not applicable
Vapour pressure	not determined
Density and/or relative density	not determined
Relative vapour density	not applicable
Particle characteristics	not applicable

### 9.2. Other information

Appearance	roll material
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The mixture is not reactive.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

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### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the mixture.

#### Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	OECD 423	500 mg/kg bw		Rat (Rattus norvegicus)	F
Dermal	LD <sub>50</sub>	OECD 402	>2000 mg/kg bw	24 hours	Rat (Rattus norvegicus)	F/M

#### Skin corrosion/irritation

Based on the available data, the criteria for classification of the mixture are not met.

#### Serious eye damage/irritation

Based on the available data, the criteria for classification of the mixture are not met.

#### Respiratory or skin sensitisation

Based on the available data, the criteria for classification of the mixture are not met.

Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate					
Route of exposure	Result	Method	Exposure time	Species	Sex
Dermal	Sensitizing	OECD 429		Mouse	F

#### Germ cell mutagenicity

Based on the available data, the criteria for classification of the mixture are not met.

#### Carcinogenicity

Based on the available data, the criteria for classification of the mixture are not met.

#### Reproductive toxicity

Based on the available data, the criteria for classification of the mixture are not met.

#### Toxicity for specific target organ - single exposure

Based on the available data, the criteria for classification of the mixture are not met.

#### Toxicity for specific target organ - repeated exposure

Based on the available data, the criteria for classification of the mixture are not met.

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### Repeated dose toxicity

Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate							
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects	OECD 408	120 mg/kg bw/day	13 weeks	Rat ( <i>Rattus norvegicus</i> )	F/M

### Aspiration hazard

Based on the available data, the criteria for classification of the mixture are not met.

### 11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 12: Ecological information

### 12.1. Toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

#### Acute toxicity

Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate					
Parameter	Method	Value	Exposure time	Species	Environment
LC <sub>50</sub>	OECD 203	>1 mg/l	96 hours	Fish ( <i>Danio rerio</i> )	
EC <sub>50</sub>	OECD 202	>1 mg/l	48 hours	Aquatic invertebrates ( <i>Daphnia magna</i> )	
EC <sub>50</sub>	OECD 201	>1 mg/l	72 hours	Algae ( <i>Desmodesmus subspicatus</i> )	
NOEC	OECD 201	≥1 mg/l		Algae ( <i>Desmodesmus subspicatus</i> )	
EC <sub>50</sub>	OECD 209	170 mg/l	17 hours	Aquatic microorganisms ( <i>Pseudomonas putida</i> )	
EC <sub>50</sub>	OECD 207	988 mg/kg of dry substance of soil	14 days	Invertebrates ( <i>Eisenia fetida</i> )	

#### Chronic toxicity

Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate					
Parameter	Method	Value	Exposure time	Species	Environment
NOEC	OECD 204	50 mg/l	28 days	Fish ( <i>Oncorhynchus mykiss</i> )	
NOEC	OECD 211	≥1 mg/l	21 days	Aquatic invertebrates ( <i>Daphnia magna</i> )	

### 12.2. Persistence and degradability

The product is not biodegradable to the extent significant for the natural environment.

#### Biodegradability

Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate					
Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301F	38 %	28 days		Hardly biodegradable

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### Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate

Parameter	Method	Value	Exposure time	Environment	Result
					Hydrolytically unstable

#### 12.3. Bioaccumulative potential

Bioaccumulation is not expected.

### Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
Log Pow	6.66				25°C

#### 12.4. Mobility in soil

The product is insoluble in water and does not show mobility in soil.

#### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

#### 12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

#### 12.7. Other adverse effects

Data not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Danger of environmental contamination, follow the applicable waste disposal regulations. Store unused product and contaminated packaging in closed containers for waste collection and hand over for disposal to a specialized company authorized to conduct such activity. Do not pour unused product into drains. It must not be disposed of together with municipal waste. Empty packaging can be used for energy in a waste incineration plant or collected in a landfill with an appropriate classification. Perfectly cleaned packaging can be recycled. The classification of waste may change depending on where it is generated.

#### Waste management legislation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (S.I. No. 871 of 2007). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

### SECTION 14: Transport information

#### 14.1. UN number or ID number

not subject to transport regulations

#### 14.2. UN proper shipping name

not relevant

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

not relevant

#### 14.4. Packing group

not relevant

#### 14.5. Environmental hazards

No.

#### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not relevant

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### SECTION 15: Regulatory information

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

Clean Air Act 1993 as amended. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Public health act 1961. Environmental Protection Act 1990 as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

### SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### Guidelines for safe handling used in the safety data sheet

P280	Wear protective gloves/protective clothing.
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#### A list of additional standard phrases used in the safety data sheet

EUH208	Contains Octyl (R)-2-(4-chloro-2-methylphenoxy)propionate. May produce an allergic reaction.
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#### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

#### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
log K <sub>ow</sub>	Octanol-water partition coefficient
NOAEL	No observed adverse effect level



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NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Skin Sens.	Skin sensitization

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### The changes (which information has been added, deleted or modified)

This safety data sheet replaces version 1.0 dated 06.12.2021.

Update sections: 1,9,10,11,12,13,15.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.