



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

Printed 30.12.2021

Revision 25.08.2020 (GB) Version 1.3

BugFree Bug and Larvae Killer Concentrate

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

1.1. Product identifier

Name of product

BugFree Bug and Larvae Killer Concentrate
Prod-Nr. 4005240136157, 4005240136874
MAPP 19378 / PCS 06193

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

! Recommended intended purpose(s)

Insecticidal concentrate.

Effect of the substance / the mixture

Insecticide, contains pyrethrins - works as a neurotoxin.

1.3. Details of the supplier of the safety data sheet

Manufacturer

W. Neudorff GmbH KG (UK)
An der Mühle 3, D-31860 Emmerthal
Phone +49 5155 624-0, Fax +49 5155 6010
E-Mail msds@neudorff.de
Internet www.neudorff.co.uk

1.4. Emergency telephone number

Emergency advice

National Health Service
Phone (UK) 111 - (IE) 01 809 2166

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Aquatic Chronic 1	H410	
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Hazard Statements

H410	Very toxic to aquatic life with long lasting effects.
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2.2. Label elements

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



GHS09

Signal word

Warning

Hazard Statements

H410	Very toxic to aquatic life with long lasting effects.
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Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P273	Avoid release to the environment.
P391	Collect spillage.
P501	Dispose of contents/container to household waste recycling centre as hazardous waste except for empty clean containers which can be disposed of by recycling. Contact your local council for details.

Special rules for supplemental label elements for certain mixtures

(EUH401) To avoid risks to human health and the environment, comply with the instructions for use.

Additional information

Special rules for labelling of plant protection products

Do not contaminate water with the product or its container. (SP1)

2.3. Other hazards

Information pertaining to special dangers for human and environment

Keep away from surface waters.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Pesticide (insecticide)

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
		pyrethrins including cinerins	0,5	Acute Tox. 4, H332 / Acute Tox. 4, H312 / Acute Tox. 4, H302 / Aquatic Acute 1, H400 M=100 / Aquatic Chronic 1, H410 M=100

Additional advice

Contains rapeseed oil.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take affected person into fresh air.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.



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In case of skin contact

In case of contact with skin wash off immediately with soap and water.

In case of eye contact

In case of contact with eyes rinse thoroughly with water.

In case of ingestion

Refer to medical treatment.

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

Physician's information / possible symptoms

No product-specific symptoms known.

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

water

Foam

Dry powder

Carbon dioxide

Unsuitable extinguishing media

not required

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

No information available.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. general-purpose binder).

6.4. Reference to other sections

No information available.



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SECTION 7: Handling and storage

7.1. Precautions for safe handling

General protective measures

Avoid contact with eyes and skin.

Hygiene measures

Clean skin thoroughly after working.

Advice on protection against fire and explosion

Keep away from sources of ignition

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original container.

Advice on storage compatibility

Do not store together with animal feedstuffs.

Do not store together with food.

Further information on storage conditions

Keep container in a well-ventilated place

Store in a dry place.

Keep in a cool place.

Information on storage stability

Storage temperature may not exceed 35°C.

Protect from light.

Storage group 10

7.3. Specific end use(s)

Recommendation(s) for intended use

Use only as insecticide spray according to the operating instructions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

not required

Hand protection

not required

Eye protection

not required

Other protection measures

not required



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

yellow

Odour

characteristic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	6,6	20 °C			1% dissolved in water
boiling point (decomposition)	ca. 300 °C				
melting point	-17,6 °C				
Flash point	145 °C				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	> 400 °C				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	0,917 g/cm ³	20 °C			
Vapour density	not determined				
Solubility in water					emulsifiable
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity dynamic	67,1 mPa*s	20 °C			



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Oxidising properties

No information available.

Explosive properties

No information available.

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Evolution of heat.

10.5. Incompatible materials

Substances to avoid

Reactions with oxidising agents.

10.6. Hazardous decomposition products

unknown

Additional information

No decomposition during correct storage and use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	rat	OECD 401	
LD50 acute dermal	> 2000 mg/kg	rat	OECD 402	
LC50 acute inhalation	2,36 mg/l	rat	OECD 403	highest checkable concentration
Skin irritation	non-irritant	rabbit	OECD 404	
Eye irritation	non-irritant	rabbit eye	OECD 405	
Skin sensitization	non-sensitizing	Guinea pig	OECD 406	



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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	NOEC 1,766 mg/l (96 h)	rainbow trout	OECD 203	
Daphnia	NOEC 0,32 mg/l (48 h)	Daphnia magna	OECD 202	
Algae	NOEC 9,9 mg/l (72 h)	Scenedesmus subspicatus	OECD 201	

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Biological degradability	The product is biodegradable.			

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

02 01 08*

06 13 01*

Name of waste

agrochemical waste containing hazardous substances

inorganic plant protection products, wood-preserving agents and other biocides.

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

In accordance with regulations for special waste, must be taken, after pretreatment, to an authorised special waste incineration plant.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Recommended cleansing agent

Water with mild detergent.

General information

Small amounts out of private households should be given away to the official disposal sites.

Follow the instructions !



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SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	3082	-	3082
14.2. UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (pyrethrins incl. cinerins)	-	Environmentally hazardous substance, liquid, n.o.s. (pyrethrins incl. cinerins)
14.3. Transport hazard class(es)	9	-	9
14.4. Packing group	III	-	III
14.5. Environmental hazards	Yes	-	Yes

14.6. Special precautions for user

No information available.

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

No information available.

Land and inland navigation transport ADR/RID

Hazard label(s) 9

Tunnel restriction code (-)

Classification code M6

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Other regulations (EU)

Registered plant protection product according to Regulation (EU) 1107/2009.

VOC standard

VOC content 0,5 %

National regulations

Water hazard class 2 self-classification

15.2. Chemical Safety Assessment

No information available.



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SECTION 16: Other information

Recommended uses and restrictions

Follow the instructions !

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It doesn't represent a guarantee of the properties of the product. It's not a technical specification.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.2

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.