



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

Printed 30.12.2021

Revision 25.08.2020 (GB) Version 1.7

BugFree Bug and Larvae Killer

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

1.1. Product identifier

Name of product

BugFree Bug and Larvae Killer
Prod-Nr. 4005240136140, 4005240136881
MAPP 19375 / PCS 05928

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

Recommended intended purpose(s)

Insecticide spray.

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 3	H412	
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Hazard Statements

H412	Harmful 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]

Hazard Statements

H412	Harmful 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.



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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.

(EUH208) Contains gum arabic. May produce an allergic reaction.

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

Avoid release to the environment.

Avoid contact with skin and eyes.

!SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

! Hazardous ingredients

CAS No	EC No	Name	[%]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
67-63-0	200-661-7	propan-2-ol	4	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
		pyrethrins including cinerins	0,005	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

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

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

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Consult a physician if symptoms appear.

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

Physician's information / possible symptoms

No product-specific symptoms known.



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

Treatment (Advice to doctor)

No specific antidote known. Treatment: symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

water

Foam

Dry powder

Carbon dioxide

Unsuitable extinguishing media

unknown

5.2. Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

5.3. Advice for firefighters

Additional information

Product does not sustain combustion.

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Follow the instructions !

General protective measures

Avoid contact with eyes and skin.

Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink, smoke or take drugs.

Advice on protection against fire and explosion

Product does not sustain combustion.



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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

Frost-protected store is needed!

Do not keep at temperatures above 30°C.

Information on storage stability

Protect from light.

Storage group 12

7.3. Specific end use(s)

Recommendation(s) for intended use

Use only as insecticide spray according to the operating instruction!

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

not required

Hand protection

Wear disposable gloves (plastic or rubber), if necessary.

Eye protection

not required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid, emulsion

Colour

whitish

Odour

characteristic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	6,08	20 °C		CIPAC MT 75	
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				



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	Value	Temperature	at	Method	Remark
Flash point	52 °C			EEC A9 / DIN EN 22719	
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	0,992 g/cm ³	20 °C		EEC A 3	
Vapour density	not determined				
Solubility in water					soluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity	not determined				
Solvent content	ca. 4,0 %				

Oxidising properties

The product has no oxidizing properties.

Explosive properties

The product has no explosive properties.

9.2. Other information

The test L2 for self-sustained combustion in accordance with UN, Part III section 32 or 2.6.4.5 CLP Regulation is negative.



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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

No information available.

10.5. Incompatible materials

No information available.

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	calculation	
Skin irritation	non-irritant			
Eye irritation	non-irritant			
Skin sensitization	non-sensitizing			

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Biological degradability				Biodegradable

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment



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No information available.

12.6. Other adverse effects

General regulation

Pyrethrum decomposes within 24 h nearly completely.

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 to a special waste disposal.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Recommended cleansing agent

Water, perhaps household cleaner

General information

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

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

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

The test L2 for self-sustained combustion in accordance with UN, Part III section 32 or 2.6.4.5 CLP Regulation is negative.

Not classified.



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Transport/further information

non hazardous good

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 4 %

National regulations

Water hazard class 1 self-classification

15.2. Chemical Safety Assessment

No information available.

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: 1.6

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.