



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

Printed 29.10.2020

Revision 25.08.2020 (GB) Version 2.2

WeedFree Plus Concentrate

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

1.1. Product identifier

Name of product

WeedFree Plus Concentrate
Prod-Nr. 4005240136188, 4005240136348
MAPP 19393 / PCS No. 05924

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

Recommended intended purpose(s)

Herbicide concentrate.

1.3. Details of the supplier of the safety data sheet

Manufacturer

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

1.4. Emergency telephone number

Emergency advice

National Poisons Information Service
Phone UK 111 / IE 01-8092166

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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Eye Irrit. 2	H319	
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Hazard Statements

H319 Causes serious eye irritation.

2.2. Label elements

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



GHS07

Signal word

Warning

Hazard Statements

H319 Causes serious eye irritation.



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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.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

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

No information available.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Herbicide with pelargonic acid - contained as ammonium salt.

Herbicide contains growing modulator maleic-acid

Hazardous ingredients

CAS No	EC No	Name	[g/l]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
123-33-1	204-619-9	maleic hydrazide	30,3	--
112-05-0	203-931-2	pelargonic acid	186,7	Skin Irrit. 2, H315 / Eye Irrit. 2, H319 / Aquatic Chronic 3, H412

REACH

CAS No	Name	REACH registration number
112-05-0	pelargonic acid	01-2119529247-37-0000

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately.

In case of inhalation

Ensure of fresh air.

In case of skin contact

In case of contact with skin wash off with water.



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In case of eye contact

Consult a physician if problems continue.

In case of contact with eyes rinse thoroughly with water.

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.

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

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Forms slippery surfaces with water.

6.2. Environmental precautions

Do not discharge into surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

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

Flush away residues with water.

6.4. Reference to other sections

No information available.



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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Follow the instructions !

General protective measures

Avoid long and intensive skin contact.

Hygiene measures

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

Keep away from food and drink.

Advice on protection against fire and explosion

No special measures necessary.

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

Protect from frost.

Storage group 12

7.3. Specific end use(s)

Recommendation(s) for intended use

Use only as herbicide according to the operating instruction!

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Hand protection

Protective gloves

Eye protection

safety goggles

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

light yellow

Odour

characteristic

Odour threshold



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not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	8,4	20 °C			
starts to boil	not required				
melting temperature	not required				
Flash point				EEC A.9. GLP	No flash point below 100°C.
Vapourisation rate	not determined				
Flammable (solid)	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	not determined				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not required				
Relative density	1,01 g/cm ³	20 °C			
Vapour density	not determined				
Solubility in water	Unlimitedly soluble in water.	20 °C			
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity	not determined				
Oxidising properties	unknown				
Explosive properties	The product is not explosive.				



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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

Avoid extreme temperatures.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

unknown

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 5000 mg/kg	rat	OECD 423	
LD50 acute dermal	> 5000 mg/kg	rat	OECD 402	
LC50 acute inhalation	> 5,3 mg/l (4 h)	rat	OECD 403	LC50 not reached
Skin irritation	non-irritant	rabbit	OECD 404	
Eye irritation	irritant	rabbit	OECD 405	
Skin sensitization	non-sensitizing	Guinea pig	OECD 406	

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 > 200 mg/l (96 h)	rainbow trout	OECD 203	
Daphnia	EC50 > 200 mg/l (48 h)	Daphnia magna	OECD 202	



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	Value	Species	Method	Validation
Algae	EC50 47,4 mg/l (72 h)	Desmodemus Subspicatus		

12.2. Persistence and degradability

No information available.

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

General regulation

biodegradable

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

06 13 01*

Name of waste

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 packaging

Totally emptied packaging may be taken for recycling.

Recommended cleansing agent

Rinsing out thoroughly with water.

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	-	-	-



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	ADR/RID	IMDG	IATA-DGR
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.			
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 0 %

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.

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.