



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

Printed 01.08.2017

revision 24.02.2017 (GB) Version 1.4

## Fast Acting & Long Lasting Weedkiller Concentrate

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

#### 1.1. Product identifier

##### Name of product

Fast Acting & Long Lasting Weedkiller Concentrate  
Prod-Nr. 613618, 613671

#### 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/distributor

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.de

#### 1.4. Emergency telephone number

No information available.

### !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
--------------------------------------	-------------------	--------------------------

Eye Irrit. 2	H319	
--------------	------	--

##### 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.
------	--------------------------------

##### Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.



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

Printed 01.08.2017  
revision 24.02.2017 (GB) Version 1.4

## Fast Acting & Long Lasting Weedkiller Concentrate

---

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.

### Additional information

#### Special rules for labelling of plant protection products

To avoid risks to human health and the environment, comply with the instructions for use. (EUH401)  
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]
112-05-0	203-931-2	Nonanoic Acid	186,7	Skin Irrit. 2, H315 / Eye Irrit. 2, H319 / Aquatic Chronic 3, H412
123-33-1	204-619-9	maleic hydrazide	30,3	--

#### REACH

CAS No	Name	REACH registration number
112-05-0	Nonanoic 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.

#### 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.



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

Printed 01.08.2017

revision 24.02.2017 (GB) Version 1.4

## **Fast Acting & Long Lasting Weedkiller Concentrate**

---

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

#### **Physician's information / possible symptoms**

No produkt 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.

---

## **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.



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

Printed 01.08.2017

revision 24.02.2017 (GB) Version 1.4

## Fast Acting & Long Lasting Weedkiller Concentrate

### 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** 10

### 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

not determined

#### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>	8,4	20 °C			
<b>starts to boil</b>	not required				
<b>melting temperature</b>	not required				
<b>Flash point</b>				EEC A.9. GLP	No flash point below 100°C.



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

Printed 01.08.2017

revision 24.02.2017 (GB) Version 1.4

## Fast Acting & Long Lasting Weedkiller Concentrate

	Value	Temperature	at	Method	Remark
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not applicable				
<b>Flammability (gas)</b>	not applicable				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not required				
<b>Relative density</b>	1,01 g/cm <sup>3</sup>	20 °C			
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	Unlimitedly soluble in water.	20 °C			
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>	not determined				

### Oxidising properties

unknown

### Explosive properties

The product is not explosive.

### 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.



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

Printed 01.08.2017

revision 24.02.2017 (GB) Version 1.4

## Fast Acting & Long Lasting Weedkiller Concentrate

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

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 200 mg/l (96 h)	rainbow trout	OECD 203	
<b>Daphnia</b>	EC50 > 200 mg/l (48 h)	Daphnia magna	OECD 202	
<b>Algae</b>	EC50 47,4 mg/l (72 h)	Desmodesmus Subspicatus		

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil



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

Printed 01.08.2017

revision 24.02.2017 (GB) Version 1.4

## Fast Acting & Long Lasting Weedkiller Concentrate

No information available.

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Other adverse effects

#### General regulation

biodegradable

Do not contaminate water with the product or its container.

## 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	-	-	-
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



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

Printed 01.08.2017

revision 24.02.2017 (GB) Version 1.4

## **Fast Acting & Long Lasting Weedkiller Concentrate**

---

### **!SECTION 15: Regulatory information**

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

##### **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.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.3

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.