



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

Printed 09.12.2011

Revision 02.08.2011

Finalsan Unkrautfrei

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product

Finalsan Unkrautfrei
Prod-Nr. 511,513,528

Manufacturer/distributor

W. Neudorff GmbH KG
An der Mühle 3, D-31860 Emmerthal
Phone 05155/624-0 (Zentrale), Fax 05155/6010, Telex --
E-Mail info@neudorff.de
Internet www.neudorff.de

Advice

Betriebsleitung / Labor
Phone 05155/624-0
E-mail (competent person):
h.hohlfeld@neudorff.de

Emergency advice

Giftnotruf Berlin
Phone +49- (0) 30 / 30686 790

Recommended intended purpose(s)

Herbicide concentrate.

2. Hazards identification

Classification according to 67/548/EEC or 1999/45/EC

Xi; R36

R52

R-phrases

36 Irritating to eyes.

52 Harmful to aquatic organisms.

Labelling according to 67/548/EEC or 1999/45/EC

Xi Irritant



R-phrases

36 Irritating to eyes.

52 Harmful to aquatic organisms.

S-phrases

1/2 Keep locked up and out of the reach of children.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

39 Wear eye/face protection.

46 If swallowed, seek medical advice immediately and show this container or label.



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3. Composition/information on ingredients

Description

Herbicide with pelargonic acid - contained as ammonium salt.

Hazardous ingredients

CAS No	EC No	Name	[g/l]	Classification according to 67/548/EEC
112-05-0	203-931-2	nonanoic-acid / pelargonic acid	186,7	C R34

4. First aid measures

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.

Physician's information / possible symptoms

No product specific symptoms known.

Treatment (Advice to doctor)

Treat symptoms.

5. Firefighting measures

Suitable extinguishing media

water

Foam

Dry powder

Carbon dioxide

Additional information

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

6. Accidental release measures

Personal precautions

Forms slippery surfaces with water.

Environmental precautions

Do not discharge into surface waters/groundwater.

Methods for cleaning up

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

Flush away residues with water.



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7. Handling and storage

Advice on safe handling

Follow the instructions !

Advice on protection against fire and explosion

No special measures necessary.

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

Recommendation(s) for intended use

Use only as herbicide according to the operating instruction!

8. Exposure controls/personal protection

Hand protection

Protective gloves

Eye protection

safety goggles

Skin protection

Light protective clothing.

General protective measures

Avoid long and intensive skin contact.

Do not inhale gases/vapours/aerosols.

Hygiene measures

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

Keep away from food and drink.

9. Physical and chemical properties

Form

liquid

Colour

light yellow

Odour

characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	8,25 - 8,45	20 °C		CIPAC MT 75	



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	Value	Temperature	at	Method	Remark
starts to boil	not required				
melting temperature	not required				
Flash point	> 95 °C			EEC A.9. GLP	
Flammable solid	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	not determined				
Autoignition	> 320 °C			EEC A 15	
Lower explosion limit	no				
Upper explosion limit	no				
Vapour pressure	not required				
Density	0,96 g/cm ³	20 °C		OECD 109	
Solubility in water	Unlimitedly soluble in water.	20 °C			
Viscosity	11 - 16 mPa*s	20 °C		DIN 53019	
Oxidizing properties	no				
Explosive properties	The product is not explosive.				

10. Stability and reactivity

Hazardous decomposition products

unknown

Additional information

No decomposition during correct storage.

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 5000 mg/kg	rat	OECD 401	
LD50 acute dermal	> 5000 mg/kg	rat	OECD 402	
Irritability skin	non-irritant	rabbit	OECD 404	



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	Value/Validation	Species	Method	Remark
Irritability eye	irritant	rabbit eye	OECD 405	
Skin sensitization	non-sensitizing	Guinea pig	OECD 406	

12. Ecological information

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	NOEC 100 mg/l (96 h)	rainbow trout	OECD 203	
Daphnia	NOEC 10 mg/l (48 h)	Daphnia magna	OECD 202	
Algae	NOEC 20 mg/l (72 h)	Scenedesmus subspicatus	OECD 201	

General regulation

biodegradable

Do not allow uncontrolled leakage of product into the environment.

13. Disposal considerations

Waste code No.

06 13 01*

07 04 04*

Name of waste

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

other organic solvents, washing liquids and mother liquors

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC 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

Rinsing out thoroughly with water.

General information

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

14. Transport information

Transport/further information

non hazardous good



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15. Regulatory information

National regulations

Water hazard class	1	self-classification
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16. Other information

Recommended uses and restrictions

Follow the instructions !

Further information

The information provided in this Safety Data Sheet is supplied in good faith is accurate at the date of its publication. The information will be updated as and when appropriate. It is not a specification of the product nor does it list the uses.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 34 Causes burns.