



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

Printed 09.12.2011

Revision 04.06.2010

Octanoic Fatty Acid

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

Product identifier

Name of product

Octanoic Fatty Acid
Prod-Nr. 615728, 615732

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)

Copper-fungicide against powdery mildew diseases in the wine, vegetable and other plants.

Effect of the substance / the mixture

The copper compound works fungicide.

2. Hazards identification

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

N; R51/53

R-phrases

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

N Dangerous for the environment



R-phrases

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

1/2 Keep locked up and out of the reach of children.
29 Do not empty into drains.
35 This material and its container must be disposed of in a safe way.
46 If swallowed, seek medical advice immediately and show this container or label.
57 Use appropriate container to avoid environmental contamination.



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Hazardous ingredients for labeling

copper salts (Kupfersalze)

Information pertaining to special dangers for human and environment

Keep away from surface waters.

3. Composition/information on ingredients

Description

Contains 100 g/l copper-salts of fatty acids.

Hazardous ingredients

CAS No	EC No	Name	Concentration	Classification according to 67/548/EEC
		none		

4. First aid measures

In case of inhalation

In the event of symptoms refer for medical treatment.

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 with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Seek medical advice immediately.

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

sand

Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.



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6. Accidental release measures

Personal precautions

Avoid contact with skin and eye.
Forms slippery surfaces with water.

Environmental precautions

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

Methods for cleaning up

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

7. Handling and storage

Advice on storage compatibility

Do not store together with animal feedstuffs.
Do not store together with food.

Further information on storage conditions

Recommended storage temperature: 20 °C.

Storage group 12

Information on storage stability

Still stable after 14d at 54 °C.

Recommendation(s) for intended use

Use only according to the instructions for use as fungicide spray!

8. Exposure controls/personal protection

Respiratory protection

not required

Hand protection

Protective gloves

Eye protection

not required

Skin protection

not required

General protective measures

Avoid long and intensive skin contact.

Hygiene measures

Do not eat or drink when working.
Wash hands before breaks and after work.



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9. Physical and chemical properties

Form
liquid

Colour
turquoise blue

Odour
odourless

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	ca. 5,3				
starts to boil	102 °C				
Flash point					No flash point Measurement had been done until boiling temperature.
Ignition temperature	> 400 °C				
Density	0,95 - 1,05 g/cm ³	20 °C			
Solubility in water				able to emulsified	partially soluble
Viscosity	30 mPa*s				
Solvent concentration	2 %				

Oxidizing properties

The product does not support fire.

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	> 2000 mg/kg	rat	OECD 401	
LD50 acute dermal	> 2000 mg/kg	rat	OECD 402	



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	Value/Validation	Species	Method	Remark
LC50 acute inhalation	> 0,38 mg/l ()	rat	OECD 403	highest checkable concentration
Irritability skin	non-irritant	rabbit	OECD 404	
Irritability eye	non-irritant	rabbit eye	OECD 405	
Skin sensitization	non-sensitizing	Guinea pig	OECD 406	

12. Ecological information

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 2,1 mg/l (96 h)	rainbow trout	OECD 203	
Daphnia	EC50 2,3 mg/l (8 d)	Daphnia magna	OECD 202	
Algae	EC50 1,5 mg/l (72 h)	Selenastrum capricornutum	OECD 201	

13. Disposal considerations

Waste code No.

02 01 09
06 13 01*

Name of waste

agrochemical waste other than those mentioned in 02 01 08
inorganic plant protection products, wood-preserving agents and other biocides.

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

Rinse of with water - use the solution again as product.

General information

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

14. Transport information

| Land and inland navigation transport ADR/RID

UN 3082 Environmentally hazardous material, liquid, n.o.c. (copper salts), 9, III, (E), Classification code: M6

| Marine transport IMDG

UN 3082 Environmentally hazardous substance, liquid, n.o.s. (copper salts), 9, III, Severe Marine Pollutant: PP



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15. Regulatory information

VOC standard

VOC content 2 % 20 °C

National regulations

Water hazard class 2 self-classification

16. Other information

Recommended uses and restrictions

Authorized crop protection pesticide.

To avoid risk to man and the environment comply with instructions for use.

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.