



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

Orchid Vitaliser & Feed Mixed Display
613627

Cover sheet

Safety data sheets for combipacks - sets - repair sets

Contents **613606 Orchid Feed, Organic**

613609 Orchid Vitaliser



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

Printed 11.12.2012

revision 02.11.2009

Orchid Feed, Organic

613606

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

Product identifier

Name of product

Orchid Feed, Organic
Prod-Nr. 613606

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

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 (0) 5155-624-0, Fax +49 (0) 5155-6010
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Phone + 49 5155-624-0
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h.hohlfeld@neudorff.de

Emergency telephone number

Emergency advice

Phone +49 5155-624-0

SECTION 2: Hazards identification

Classification of the substance or mixture

R-phrases

no

Label elements

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

Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

R-phrases

no

S-phrases

no

Other hazards



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Orchid Feed, Organic

613606

SECTION 3: Composition/ information on ingredients

Mixtures

Hazardous ingredients

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

CAS No	EC No	Name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
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none

Description

Liquid organic nitrogen-phosphorus-potassium fertilizer (3-1,5-5)

Additional advice

The fertilizer consists of natural products of the sugar beet production.

SECTION 4: First aid measures

Description of 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 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.

Most important symptoms and effects, both acute and delayed

Physician's information / possible symptoms

No symptoms known so far.

Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

water

Foam

Dry powder

Carbon dioxide

Extinguishing media which must not be used for safety reasons

no



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Special hazards arising from the substance or mixture

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

Personal precautions, protective equipment and emergency procedures

Environmental precautions

Do not discharge into surface waters/groundwater.

Methods and material for containment and cleaning up

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

Reference to other sections

| SECTION 7: Handling and storage

Precautions for safe handling

| Advice on safe handling

Follow the instructions !

Advice on protection against fire and explosion

No special measures necessary.

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

Recommended storage temperature: 20°C.

Storage group 12

Specific end use(s)

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Hand protection

not required

Eye protection

safety goggles

Skin protection

not required



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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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form

liquid

Colour

brown

Odour

characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	5,9	20,0 °C		microprocessor- pH-Meter	
Changes in physical state solid/fluid	not required				
Flash point	> 100 °C			Abel-Pensky	
Flammable solid	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	not determined				
Density	1,30 g/cm ³	20 °C			
Solubility in water	unlimitedly soluble	20 °C			

Oxidizing properties

The product does not support fire.

Explosive properties

The product is not explosive.

Other information

SECTION 10: Stability and reactivity

Reactivity

Chemical stability

Possibility of hazardous reactions



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Conditions to avoid

Incompatible materials

Hazardous decomposition products

no

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg			
LD50 acute dermal	> 2000 mg/kg			
Irritability skin	non-irritant			
Irritability eye	non-irritant			
Skin sensitization	non-sensitizing			
Sensitization respiratory system	non-sensitising			

Experiences made from practice

No poisonous effects are known up to now.

Additional information

The preparation is a purely natural product.

SECTION 12: Ecological information

Toxicity

Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Biological degradability	The product is biodegradable.			

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects

General regulation

Do not allow uncontrolled leakage of product into the environment.



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| SECTION 13: Disposal considerations

Waste treatment methods

Recommendations for the product

Using up as organic fertilizer.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Recommended cleansing agent

Rinsing out with water thoroughly, using up the solution as fertilizer.

| General information

Follow the instructions !

SECTION 14: Transport information

Transport/further information

non hazardous good

Special precautions for user

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

| SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Water hazard class	-	self-classification
		nwh - not water hazardous

Chemical Safety Assessment

| SECTION 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.



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Orchid Vitaliser

613609

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

Product identifier

Name of product

Orchid Vitaliser
Prod-Nr. 613609

Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

Ready to use homeopathic plant tonic.

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 (0) 5155-624-0, Fax +49 (0) 5155-6010
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h.hohlfeld@neudorff.de

Emergency telephone number

Emergency advice

Phone +49 5155-624-0

SECTION 2: Hazards identification

Classification of the substance or mixture

R-phrases

no

Label elements

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

Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

R-phrases

no

Special rules for supplemental label elements for certain mixtures

Keep away from childrens reach.

Other hazards

Information pertaining to special dangers for human and environment

No risks known if applied according to instructions.



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SECTION 3: Composition/ information on ingredients

Mixtures

Hazardous ingredients

CAS No	EC No	Name	[g/kg]	Classification according to 67/548/EEC
		none		

CAS No	EC No	Name	[g/kg]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
		none		

Description

Homeopathic solution.

SECTION 4: First aid measures

Description of first aid measures

In case of inhalation

Ensure of fresh air.

In case of skin contact

No special measure necessary.

In case of eye contact

In case of contact with eyes rinse thoroughly with water.

In case of ingestion

Consult a physician if symptoms appear.

Most important symptoms and effects, both acute and delayed

Physician's information / possible symptoms

No product specific symptoms known.

Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)

Symptomatic treatment.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

water

Foam

Dry powder

Carbon dioxide

Special hazards arising from the substance or mixture

Advice for firefighters

Additional information

Product is not flammable.

General instructions or procedures to be followed in case of fire must be observed!



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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Environmental precautions

Do not let escape into the environment.

Methods and material for containment and cleaning up

Wipe up with cleaning rags.

Reference to other sections

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

Follow the instructions !

No special measures necessary if used correctly.

Advice on protection against fire and explosion

The product is not combustible.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original container.

Storage group 12

Specific end use(s)

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Respiratory protection

not required

Hand protection

no

not required

Eye protection

no

not required

Skin protection

no

not required



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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form

liquid

Colour

pale green

Odour

almost odourless

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	ca. 7				
boiling temperature	ca. 100 °C				
Flash point	not flammable				
Autoignition					Not self-igniting.
Density	1,0 g/cm ³				
Solubility in water	unlimitedly soluble	20 °C			

Oxidizing properties

The product does not support fire.

Explosive properties

The product is not explosive.

Other information

SECTION 10: Stability and reactivity

Reactivity**Chemical stability****Possibility of hazardous reactions****Conditions to avoid****Incompatible materials****Hazardous decomposition products**

no

Additional information

No decomposition during correct storage.

SECTION 11: Toxicological information

Information on toxicological effects**Acute toxicity/Irritability/Sensitization**



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	Value/Validation	Species	Method	Remark
LD50 acute oral				Contain no hazardous materials.
Irritability skin	non-irritant			No irritating substances contained in relevant amounts.

Experiences made from practice
No known observations are relevant for classification.

SECTION 12: Ecological information

Toxicity

Persistence and degradability

Elimination rate

Method of analysis

Method

Validation

Degradability

The product is biodegradable.

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects

General regulation

According to current knowledge no negative ecological effects are expected.

No known environmental effects.

SECTION 13: Disposal considerations

Waste treatment methods

Waste code No.

20 01 99

Name of waste

other fractions not otherwise specified

Recommendations for the product

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

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Recommended cleansing agent

water

General information

Follow the instructions !

SECTION 14: Transport information

Transport/further information

non hazardous good

Special precautions for user



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Orchid Vitaliser

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC standard

VOC content 0 %

National regulations

Water hazard class -

nwh - not water hazardous

Chemical Safety Assessment

SECTION 16: Other information

Recommended uses and restrictions

Follow the instructions !

Further information

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