



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

Printed 05.12.2012

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
E-Mail info@neudorff.de
Internet www.neudorff.de

Advice

Betriebsleitung / Labor
Phone + 49 5155-624-0
E-mail (competent person):
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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SECTION 3: Composition/ information on ingredients

Mixtures

Hazardous ingredients

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

CAS No	EC No	Name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
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.