



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

Printed 09.08.2018

Revision 01.06.2017 (GB) Version 4.7

Plant Invigorator

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

1.1. Product identifier

Name of product

Plant Invigorator
Prod-Nr. 613676

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

! Recommended intended purpose(s)

Aerosol for plant-care.

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

W. Neudorff GmbH KG (UK+IRL)
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

Emergency advice

National Poisons Information Service
Phone UK: 111 / IRL: 01 809 2166

!SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Precautionary Statements

P102 Keep out of reach of children.

2.3. Other hazards

Information pertaining to special dangers for human and environment

No risks known if applied according to instructions.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

! Description

Contains fatty acids and plant extracts.



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!SECTION 4: First aid measures

4.1. Description of 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 warm water.

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.

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

! Physician's information / possible symptoms

No product specific symptoms known.

4.3. Indication of any immediate medical attention and special treatment needed

! Treatment (Advice to doctor)

No specific antidote known. Treatment: symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

water

Foam

Dry powder

Carbon dioxide

Unsuitable extinguishing media

no

5.2. Special hazards arising from the substance or mixture

no

5.3. Advice for firefighters

Additional information

Product is not flammable and does not sustain combustion.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Use personal protective clothing.

6.2. Environmental precautions

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



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6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. kieselguhr).

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 contact with eyes and skin

Hygiene measures

Do not eat or drink when working.

Advice on protection against fire and explosion

The product is not combustible.

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 food.

Storage group 12

7.3. Specific end use(s)

Recommendation(s) for intended use

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

8.2. Exposure controls

Respiratory protection

not required

Hand protection

not required

Eye protection

not required

Other protection measures

not required



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!SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

light brown

Odour

almost odourless

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	8,0	20 °C			
boiling temperature	ca. 100 °C				
Melting point / Freezing point	not determined				
Flash point	> 100 °C			Abel Pensky	No flash point below 100°C.
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not required				
Relative density	1,00 g/cm ³				
Vapour density	not determined				
Solubility in water	unlimitedly soluble	20 °C			
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity	not determined				



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Oxidising properties

The product has no oxidizing properties.

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.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

! Additional information

No decomposition during correct storage and use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	rat		

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil



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No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

07 04 04*

Name of waste

other organic solvents, washing liquids and mother liquors

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

Use up as cleaner.

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

Recommendations for packaging

Emptied packings have to be supplied to recycling.

Recommended cleansing agent

water

General information

Follow the instructions !

!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



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SECTION 15: Regulatory information

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

VOC standard

VOC content <0,2 %

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: 4.6