

Safety data sheet

Page: 1/10

BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 15.09.2009

Version: 1.0

Product: **SORSEC WASP NEST DESTROYER**

(30546735/SDS_GEN_GB/EN)

Date of print 01.08.2011

1. Substance/preparation and company identification

SORSEC WASP NEST DESTROYER

Use: Chemical

Company:BASF SE
67056 Ludwigshafen
GERMANYContact address:BASF plc
PO Box 4, Earl Road, Cheadle Hulme, Cheadle, Cheshire
SK8 6QG, UNITED KINGDOM
Telephone: +44 161 485-6222
Telefax number: +44 161 488-4274
E-mail address: product-safety-north@basf.comEmergency information:International emergency number:
Telephone: +49 180 2273-112

2. Hazard identification

Possible Hazards

Extremely flammable.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Chemical nature

insecticide, Biocidal product

Hazardous ingredients

according to Directive 1999/45/EC

Tetramethrin

Content (W/W): 0.25 %
CAS Number: 7696-12-0
EC-Number: 231-711-6
Hazard symbol(s): Xn, N
R-phrases: 20, 50

d-Phenothrin

Content (W/W): 0.1 %
CAS Number: 26002-80-2
EC-Number: 247-404-5
Hazard symbol(s): N
R-phrases: 50/53

Petroleum gases, liquefied; Petroleum gas

Content (W/W): < 70 %
CAS Number: 68476-85-7
EC-Number: 270-704-2
INDEX-Number: 649-202-00-6
Hazard symbol(s): F+
R-phrases: 12

Distillates (petroleum), hydrotreated light

Content (W/W): < 50 %
CAS Number: 64742-47-8
EC-Number: 265-149-8
INDEX-Number: 649-422-00-2
Hazard symbol(s): Xn
R-phrases: 65

acetone

Content (W/W): ≥ 1 % - < 3.5 %
CAS Number: 67-64-1
EC-Number: 200-662-2
INDEX-Number: 606-001-00-8
Hazard symbol(s): F, Xi
R-phrases: 11, 36, 66, 67

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

4. First-Aid Measures

General advice:

Remove contaminated clothing. If difficulties occur: Obtain medical attention. Show container, label and/or safety data sheet to physician.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention.

Note to physician:

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:

dry extinguishing media, foam, carbon dioxide

Specific hazards:

carbon monoxide, carbon dioxide, nitrogen oxides, acid halides

The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Avoid all sources of ignition: heat, sparks, open flame.

Environmental precautions:

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

Methods for cleaning up or taking up:

For small amounts: Pick up with suitable absorbent material.

For large amounts: Pick up with suitable absorbent material.

Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Incinerate or take to a special waste disposal site in accordance with local authority regulations.

7. Handling and Storage

Handling

No special measures necessary if stored and handled correctly.

Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame.

Storage

Segregate from foods and animal feeds.

Further information on storage conditions: Protect from direct sunlight. Keep at temperature not exceeding 50°C. Keep out of the reach of children. Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.

Storage stability:

Storage duration: 24 Months

8. Exposure controls and personal protection

Components with workplace control parameters

68476-85-7: Petroleum gases, liquefied; Petroleum gas

TWA value 1,750 mg/m³ ; 1,000 ppm (EH40 (UK))

STEL value 2,180 mg/m³ ; 1,250 ppm (EH40 (UK))

67-64-1: acetone

TWA value 1,210 mg/m³ ; 500 ppm (OEL (EU))

TWA value 1,210.000000 mg/m³ ; 500 ppm (EH40 (UK))

STEL value 3,620.000000 mg/m³ ; 1,500.000000 ppm (EH40 (UK))

Personal protective equipment

Respiratory protection:

Respiratory protection in case of vapour/aerosol release. Combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (e. g. EN 14387 Type ABEK-P3)

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166), Required when there is a risk of eye contact.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing is recommended. Do not breathe spray. Keep separated from food stuffs and feed stocks. No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift. Store work clothing separately.

9. Physical and Chemical Properties

Form:	aerosol
Odour:	characteristic
Boiling range:	-40 - -0.5 °C Information based on the main components.
Flash point:	-60 °C Information based on the main components.
Flammability:	Extremely flammable.
Lower explosion limit:	approx. 1.9 %(V) The product has not been tested. The statement has been derived from the properties of the individual components.
Upper explosion limit:	approx. 10 %(V) The product has not been tested. The statement has been derived from the properties of the individual components.
Self ignition:	Temperature: approx. 365 - 470 °C Information based on the main components.

BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 15.09.2009

Version: 1.0

Product: **SORSEC WASP NEST DESTROYER**

(30546735/SDS_GEN_GB/EN)

Date of print 01.08.2011

Vapour pressure:	approx. 5900 - 17600 hPa (45 °C) Information based on the main components.
Density:	approx. 0.5 - 0.58 g/cm ³ (20 °C) Information based on the main components., compressed liquefied gas
Solubility in water:	immiscible

10. Stability and Reactivity

Conditions to avoid:

Temperature: > 50 °C

Avoid all sources of ignition: heat, sparks, open flame.

Substances to avoid:

No data available.

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

The data on toxicology refer to the active ingredient.

*Information on: Tetramethrin**Experimental/calculated data:**LD50 rat (oral): 4,640 mg/kg**Information on: d-Phenothrin**Experimental/calculated data:**LD50 rat (oral): > 5,000 mg/kg*
-----*Information on: Tetramethrin**Experimental/calculated data:**LC50 rat (by inhalation): > 2.5 mg/l**Information on: d-Phenothrin**Experimental/calculated data:*

BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 15.09.2009

Version: 1.0

Product: **SORSEC WASP NEST DESTROYER**

(30546735/SDS_GEN_GB/EN)

Date of print 01.08.2011

LC50 rat (by inhalation): > 2.1 mg/l 4 h

Information on: Tetramethrin

Experimental/calculated data:

LD50 rat (dermal): > 2,500 mg/kg

Information on: d-Phenothrin

Experimental/calculated data:

LD50 rat (dermal): > 2,000 mg/kg

Irritation

Experimental/calculated data:

Skin corrosion/irritation: non-irritant

Information on: Distillates (petroleum), hydrotreated light;

Experimental/calculated data:

Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

The product has not been tested. The statement has been derived from products of a similar structure and composition.

Information on: Distillates (petroleum), hydrotreated light;

Experimental/calculated data:

Serious eyes damages/irritation rabbit: non-irritant (Draize test)

The product has not been tested. The statement has been derived from products of a similar structure and composition. Literature data.

Respiratory/Skin sensitization

Experimental/calculated data:

Non-sensitizing.

The product has not been tested. The statement has been derived from the properties of the individual components.

12. Ecological Information

Ecotoxicity

Information on: Tetramethrin

Toxicity to fish:

LC50 (96 h) 0.0037 mg/l, Oncorhynchus mykiss

Information on: SUMITHRIN 90%

Toxicity to fish:

LC50 (96 h) 0.0027 mg/l, Oncorhynchus mykiss

BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 15.09.2009

Version: 1.0

Product: **SORSEC WASP NEST DESTROYER**

(30546735/SDS_GEN_GB/EN)

Date of print 01.08.2011

13. Disposal Considerations

Must be dumped or incinerated in accordance with local regulations.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

This product and any uncleaned containers must be disposed of as hazardous waste in accordance with the 2005 Hazardous Waste Regulations and amendments (GB)

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

Emptied gas pressure vessels must not be opened.

14. Transport Information

Land transport

ADR

Hazard class: 2
Classification code: F
ID number: UN 1950
Hazard label: 2.1
Proper shipping name: AEROSOLS

RID

Hazard class: 2
Classification code: F
ID number: UN 1950
Hazard label: 2.1
Proper shipping name: AEROSOLS

Inland waterway transport

ADNR

Hazard class: 2
Classification code: F
ID number: UN 1950
Hazard label: 2.1
Proper shipping name: AEROSOLS

Sea transport

IMDG

Hazard class: 2.1
ID number: UN 1950

BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 15.09.2009

Version: 1.0

Product: **SORSEC WASP NEST DESTROYER**

(30546735/SDS_GEN_GB/EN)

Date of print 01.08.2011

Hazard label: 2.1
Marine pollutant: NO
Proper shipping name: AEROSOLS

Air transport

IATA/ICAO

Hazard class: 2.1
ID number: UN 1950
Hazard label: 2.1
Proper shipping name: AEROSOLS

Further information

This product is subject to The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 and their amendments (United Kingdom).

15. Regulatory Information

Regulations of the European union (Labelling) / National legislation/RegulationsDirective 1999/45/EC ('Preparation Directive'):

Hazard symbol(s)

F+ Extremely flammable.
N Dangerous for the environment.

R-phrase(s)

R12 Extremely flammable.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S2 Keep out of the reach of children.
S16 Keep away from sources of ignition - No smoking.
S23.1 Do not breathe spray.
S29 Do not empty into drains.
S35 This material and its container must be disposed of in a safe way.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.

Hazard determining component(s) for labelling: Tetramethrin, d-PHENOTHRIN

Container is under pressure. Protect from sun and temperatures above 50 °C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects.

Other regulations

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

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

This product is classified under the Chemicals (Hazard Information and Packaging) Regulations, (CHIP) (United Kingdom).

This product may be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments if specific threshold tonnages are exceeded (United Kingdom).

16. Other Information

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 3:

Xn	Harmful.
N	Dangerous for the environment.
F+	Extremely flammable.
F	Highly flammable.
Xi	Irritant.
20	Harmful by inhalation.
50	Very toxic to aquatic organisms.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
12	Extremely flammable.
65	Harmful: may cause lung damage if swallowed.
11	Highly flammable.
36	Irritating to eyes.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

Vertical lines in the left hand margin indicate an amendment from the previous version.

If you have any queries relating to this MSDS, its contents or any other product safety related questions, please write to the following e-mail address: product-safety-north@basf.com

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.