

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 1 / 13

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

Anti-Brumm® Forte

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

Repellent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet
Distributor

HERMES ARZNEIMITTEL GmbH
Georg-Kalb-Strasse 5-8
82049 Großhesselohe / GERMANY
Phone +49(0)89 7 91 02-0
Fax +49(0)89 7 91 02-280
E-mail info@hermes-arzneimittel.com

Registration Holder

VERFORA Ltd.
Route de Moncor 10
1752 Villars-sur-Glâne 1 / SWITZERLAND
Phone +41 (0)58 851 93 00
Fax +41 (0)58 851 95 95
Homepage www.verfora.ch
E-mail info@verfora.ch

Address enquiries to
Technical information

info@verfora.ch

Safety Data Sheet

sdb@chemiebuero.de

1.4 Emergency telephone number
Company

+41 (0) 58 851 93 00 Mo-Fr 8:00-17:00

SECTION 2: Hazards identification
2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Flam. Liq. 3: H226 Flammable liquid and vapour.

Eye Irrit. 2: H319 Causes serious eye irritation.

Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 2 / 13

2.2 Label elements

	The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).	
Hazard pictograms	 	
Signal word	WARNING	
Hazard statements	<p>H226 Flammable liquid and vapour. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.</p>	
Precautionary statements	<p>P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 Avoid release to the environment. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice / attention. P501 Dispose of contents/container in accordance with national/international regulation.</p>	
Application	<p>Instructions for use: For application to the skin as a repellent against mosquitoes and ticks. For seasonal use in outdoor activities. Warning: Do not use more often than once a day for children between the ages of 3 and 12 years. Warning: Do not use more than twice a day for children and non-professional users over 12 years. Warning: Not for use on children under 3 years. Risk mitigation measures: Do not use directly before bathing. Keep out of reach of children. Long sleeved shirt and long pants should be worn. For children aged 3 - 12 years: the product should only be applied by adults. Do not spray the whole body but only exposed skin areas. For facial application, the hands are sprayed first and rubbed over the face. Apply the product sparingly. Avoid hand-to-mouth contact. Avoid contact with eyes. To prevent food contamination, prevent contact of treated skin with food. Avoid any unnecessary contact with the product. Abuse can lead to health problems. Use only in well-ventilated areas. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment: Causes serious eye irritation. Rare case reports have associated poisoning symptoms of cramps, headaches, ataxia and/or agitation/restlessness with DEET exposure. First Aid Instructions: In case of contact with eyes rinse thoroughly with water. If swallowed - Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Seek medical advice and show this container or label. Instructions for safe disposal of the product and its packaging: Waste of the biocidal product must be disposed of in accordance with the Directive on waste 2008/98/EC and the Waste Catalogue Ordinance (AVV) as well as other national and local regulations. Keep biocidal products in original containers. Do not mix with other waste. Handle uncleaned containers like the product itself. Waste-Code, pesticides: 20 01 19 Waste-Code, not completely emptied packaging: 15 01 10 Do not discharge into the drains/surface waters/groundwater. In case of accidental release, contain and clean up spill with absorbent material (e.g. sand, universal absorbent, diatomaceous earth). Dispose in accordance with national and international regulation. Conditions of storage and shelf-life of the product under normal conditions of storage: Provide solvent-resistant and impermeable floor. Keep only in original container. Do not store together with oxidizing agents. Do not store together with food and animal food/diet. Keep/store out of reach of children. Keep container in a well-ventilated place. Keep in a cool place. Shelf life: 48 months</p>	
Biocide (528/2012/CE) contains:	<p>29,9 g/100g N,N-diethyl-m-toluamide Registration: DE-2014-MA-19-00002</p>	

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 3 / 13

2.3 Other hazards**Human health dangers**

Irritant gases/vapours.

Other hazards

Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients**Product-type:**

The product is a mixture.

Range [%]	Substance
30 - < 35	Ethanol CAS: 64-17-5, EINECS/ELINCS: 200-578-6, EU-INDEX: 603-002-00-5, Reg-No.: 01-2119457610-43-XXXX GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319
25 - < 30	N,N-diethyl-m-toluamide CAS: 134-62-3, EINECS/ELINCS: 205-149-7, EU-INDEX: 616-018-00-2 GHS/CLP: Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Irrit. 2: H319 - Aquatic Chronic 3: H412
0,1 - < 0,25	Linalyl acetate CAS: 115-95-7, EINECS/ELINCS: 204-116-4 GHS/CLP: Aquatic Chronic 2: H411

Comment on component partsSubstances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

Take off contaminated clothing and wash before reuse.

InhalationEnsure supply of fresh air.
In the event of symptoms seek medical treatment.**Skin contact**In unintended or excessive contact with the skin, clean with soap and water.
Consult a doctor if skin irritation persists.**Eye contact**Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.**Ingestion**Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.
Get medical advice.**4.2 Most important symptoms and effects, both acute and delayed**

Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures**5.1 Extinguishing media****Suitable extinguishing media**Water spray jet.
Alcohol-resistant foam.
Dry powder.**Extinguishing media that must not be used**

Full water jet.

5.2 Special hazards arising from the substance or mixtureRisk of formation of toxic pyrolysis products.
Carbon monoxide (CO).
Nitrogen oxides (NOx).

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 4 / 13

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.

Use self-contained breathing apparatus.

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.

Ensure adequate ventilation.

High risk of slipping due to leakage/spillage of product.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).

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

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, universal absorbent, diatomaceous earth).

Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

The normal safety precautions for handling chemicals must be observed.

Avoid spilling or spraying in enclosed areas.

Avoid contact with eyes.

Keep away from open flames, hot surfaces and sources of ignition.

Vapours can form an explosive mixture with air.

Ignitable mixtures can be formed in the empty container.

Use explosion-proofed equipment/fittings and non-sparking tools.

Do not eat, drink or smoke when using this product.

Wash hands before breaks and after work.

Use barrier skin cream.

Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.

Keep only in original container.

Do not store together with oxidizing agents.

Do not store together with acids.

Do not store together with food and animal food/diet.

Keep container in a well-ventilated place.

Keep container tightly closed.

Protect from heat/overheating and from sun.

Storage class (TRGS 510)

Storage class 3 (TRGS 510)

7.3 Specific end use(s)

See product use, SECTION 1.2

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 5 / 13

SECTION 8: Exposure controls / personal protection
8.1 Control parameters
Ingredients with occupational exposure limits to be monitored (DE)

Substance
2-(2-Ethoxyethoxy)-ethanol
CAS: 111-90-0, EINECS/ELINCS: 203-919-7
Exposure limit: 6 ppm, 35 mg/m ³ , AGS, Y, 11
Factor: 2(I)
Ethanol
CAS: 64-17-5, EINECS/ELINCS: 200-578-6, EU-INDEX: 603-002-00-5, Reg-No.: 01-2119457610-43-XXXX
Exposure limit: 200 ppm, 380 mg/m ³ , DFG, Y
Factor: 4 (II)

DNEL

Substance
Ethanol, CAS: 64-17-5
Industrial, dermal, Long-term - systemic effects: 343 mg/kg/day.
Industrial, oral, Long-term - systemic effects: 343 mg/kg/day.
Industrial, inhalative, Long-term - systemic effects: 950 mg/m ³ .
Industrial, inhalative, Acute - local effects: 1900 mg/m ³ .
general population, dermal, Long-term - systemic effects: 206 mg/kg/day.
general population, oral, Long-term - systemic effects: 87 mg/kg/day.
general population, inhalative, Long-term - systemic effects: 114 mg/kg/day.
general population, inhalative, Acute - local effects: 950 mg/m ³ .

PNEC

Substance
Ethanol, CAS: 64-17-5
sediment (seaater), 2,9 mg/kg.
sediment (freshwater), 3,6 mg/kg.
soil, 0,63 mg/kg.
sewage treatment plants (STP), 580 mg/l.
seawater, 0,79 mg/l.
freshwater, 0,96 mg/l.

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 6 / 13

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. In full contact: > 0,11 mm, butyl rubber, > 120 min (EN 374)
Skin protection	Not required under normal conditions. Solvent-resistant protective clothing.
Other	Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	Not required under normal conditions. If ventilation is insufficient, wear respiratory protection. Short term: filter apparatus, filter A. (DIN EN 14387)
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form	liquid
Color	light yellow clear
Odor	characteristic
Odour threshold	No information available.
pH-value	6,08 (21°C, CIPAC MT 75,3-191)
pH-value [1%]	No information available.
Boiling point [°C]	No information available.
Flash point [°C]	29,2 (EN 22719, ASTM D93-85, DIN 51755)
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	No information available. No information available.
Density [g/ml]	0,9464 (OECD 109)
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	No information available.
Viscosity	6,62-6,78 mPas (20°C, OECD 114) 4,49-4,28 mPas (40°C, OECD 114)
Relative vapour density determined in air	No information available.
Evaporation speed	No information available.
Melting point [°C]	No information available.
Autoignition temperature [°C]	> 400
Decomposition temperature [°C]	No information available.

9.2 Other information

none

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 7 / 13

SECTION 10: Stability and reactivity

10.1 Reactivity

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

Reactions with strong acids.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

See SECTION 10.3.

10.6 Hazardous decomposition products

No dangerous reactions known if used as directed.

In the event of fire: See SECTION 5.

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 8 / 13

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

Substance
Linalyl acetate, CAS: 115-95-7
LD50, oral, Rat: 13900 mg/kg bw (GESTIS).
Ethanol, CAS: 64-17-5
LD50, dermal, Rabbit: 15800 mg/kg.
LD50, oral, Rat: 10470 mg/kg.
LC50, inhalative, Rat: 30000 mg/m ³ /4h.
N,N-diethyl-m-toluamide, CAS: 134-62-3
LD50, dermal, Rat: > 5000 mg/kg.
LD50, oral, Rat: 1892 mg/kg.
LC50, inhalative, Rat: > 2,02 mg/l/4h.

Serious eye damage/irritation	Irritant Calculation method
Skin corrosion/irritation	Non-irritant. On basis of test data
Respiratory or skin sensitisation	Based on the available information, the classification criteria are not fulfilled.
Specific target organ toxicity — single exposure	Based on the available information, the classification criteria are not fulfilled.
Specific target organ toxicity — repeated exposure	Based on the available information, the classification criteria are not fulfilled.
Mutagenicity	Based on the available information, the classification criteria are not fulfilled.
Reproduction toxicity	Based on the available information, the classification criteria are not fulfilled.
Carcinogenicity	Based on the available information, the classification criteria are not fulfilled.
Aspiration hazard	Based on the available information, the classification criteria are not fulfilled.
General remarks	Symptoms (If swallowed): abdominal pain, nausea, vomiting. May cause irritation of respiratory organs. The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 12: Ecological information**12.1 Toxicity**

Substance
Ethanol, CAS: 64-17-5
LC50, fish: 11200 mg/l.
EC50, Algae: 1970 mg/l.
EC50, Algae: 275 mg/l.
N,N-diethyl-m-toluamide, CAS: 134-62-3
LC50, (96h), Oncorhynchus mykiss: 97 mg/l.
EC50, (48h), Daphnia magna: 75 ppm.
NOEC, (72h), Pseudokirchneriella subcapitata: 8 mg/l.

12.2 Persistence and degradability

Behaviour in environment compartments	No information available.
Behaviour in sewage plant	No information available.
Biological degradability	1 % 28d (CAS 134-62-3)(OECD 301C) 94 % (CAS 64-17-5)(OECD 301E)

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 9 / 13

12.3 Bioaccumulative potential

BCF: 0,66 (CAS 64-17-5)

logPow: 2,18 (CAS 134-62-3)

logPow: -0,31 (CAS 64-17-5)

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

Do not discharge product unmonitored into the environment.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Waste material c It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.

Waste no. (recommended)

070608*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended)

150110*

SECTION 14: Transport information**14.1 UN number**

Transport by land according to ADR/RID	1170
--	------

Inland navigation (ADN)	1170
-------------------------	------

Marine transport in accordance with IMDG	1170
--	------

Air transport in accordance with IATA	1170
---------------------------------------	------

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 10 / 13

14.2 UN proper shipping name

Transport by land according to ADR/RID Ethanol solution

- Classification Code F1

- Label



- ADR LQ 5 l

- ADR 1.1.3.6 (8.6)

Transport category (tunnel restriction code) 3 (D/E)

Inland navigation (ADN) Ethanol solution

- Classification Code F1

- Label



Marine transport in accordance with IMDG Ethanol solution

- EMS F-E, S-D

- Label



- IMDG LQ 5 l

Air transport in accordance with IATA Ethanol solution

- Label

**14.3 Transport hazard class(es)**

Transport by land according to ADR/RID 3

Inland navigation (ADN) 3

Marine transport in accordance with IMDG 3

Air transport in accordance with IATA 3

14.4 Packing group

Transport by land according to ADR/RID III

Inland navigation (ADN) III

Marine transport in accordance with IMDG III

Air transport in accordance with IATA III

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 11 / 13

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EEC-REGULATIONS 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2016/2037/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS DOT-Classification, ADR (2017); IMDG-Code (2017, 38. Amdt.); IATA-DGR (2018).

NATIONAL REGULATIONS (DE): Hazardous Substances Ordinance - GefStoffV 2016; Detergent and Cleaning Agents Act - WRMG; Federal Water Act - WHG; Technical Rule for Hazardous Substances - TRGS: 200, 220, 615, 900, 905.

- Water hazard class 2, conf. AwSV, 18.04.2017

- Decree for case of interference, observe limits yes

- Class. according to TA-Luft 5.2.5.

- Storage class (TRGS 510) Storage class 3 (TRGS 510)

- Observe employment restrictions for people Observe employment restrictions for young people.

- VOC (2010/75/CE) ca. 33 %

- Other regulations BGI 621: Information sheet: Solvents (M 017).
Please note BG leaflet BGI 595: Irritative substances/caustic substances when at work.
TRGS 510: Storage of hazardous substances in non-stationary containers

15.2 Chemical safety assessment

For the following substances of this preparation a chemical safety assessment has been carried out:
Ethanol

SECTION 16: Other information**16.1 Hazard statements (SECTION 03)**

H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H315 Causes skin irritation.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapour.

HERMES ARZNEIMITTEL GmbH

82049 Großhesselohe

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 12 / 13

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 ELINCS = European List of Notified Chemical Substances
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV@/TWA = Threshold limit value – time-weighted average
 TLV@STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.3 Other information**Classification procedure**

Flam. Liq. 3: H226 Flammable liquid and vapour. (On basis of test data)
 Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
 Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

Modified position

SECTION 2 been added: P501 Dispose of contents/container in accordance with national/international regulation.
 SECTION 2 deleted: P501 Dispose of contents/container in accordance with local/national regulation.
 SECTION 2 been added: P337+P313 If eye irritation persists: Get medical advice / attention.
 SECTION 2 deleted: P261 Avoid breathing spray.
 SECTION 7 been added: Do not eat, drink or smoke when using this product.
 SECTION 7 been added: Use explosion-proofed equipment/fittings and non-sparking tools.
 SECTION 7 been added: Avoid contact with eyes.
 SECTION 9 been added: No information available.
 SECTION 9 deleted: not determined
 SECTION 11 been added: Based on the available information, the classification criteria are not fulfilled.
 SECTION 11 deleted: not determined
 SECTION 11 been added: On basis of test data
 SECTION 12 been added: No information available.
 SECTION 12 deleted: not determined

HERMES ARZNEIMITTEL GmbH

82049 Großhesseloh

Date printed 09.10.2018, Revision 21.04.2017

Version 06. Supersedes version: 05

Page 13 / 13



Copyright: Chemiebüro®

