

**Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)**

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 1 / 12

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

**1.1 Product identifier**

**Opticool 572**

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

**1.2.1 Relevant uses**

Metal working fluid

**1.2.2 Uses advised against**

None known.

**1.3 Details of the supplier of the safety data sheet**

**Company**

Chesterton International GmbH  
Am Lenzenfleck 23  
85737 Ismaning / GERMANY  
Phone +49 89-996546-0  
Fax +49 89-996546-50  
Homepage [www.chesterton.com/GER/Pages/default.aspx](http://www.chesterton.com/GER/Pages/default.aspx)  
E-mail [customer.service@chesterton.com](mailto:customer.service@chesterton.com)

**Address enquiries to**

**Technical information**

[customer.service@chesterton.com](mailto:customer.service@chesterton.com)

**Safety Data Sheet**

[sdb@chemiebuero.de](mailto:sdb@chemiebuero.de)

**1.4 Emergency telephone number**

**Advisory body**

+49 (0)89-19240 (24h) (english)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Skin Irrit. 2: H315 Causes skin irritation.  
Eye Irrit. 2: H319 Causes serious eye irritation.  
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

The product is classified and required to be labelled in accordance with EC-Directives

**Hazard pictograms**



**Signal word**

WARNING

**Hazard statements**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P273 Avoid release to the environment.  
P280 Wear protective gloves / eye protection / face protection.  
P332+P313 If skin irritation occurs: Get medical advice / attention.  
P337+P313 If eye irritation persists: Get medical advice / attention.  
P501 Dispose of contents / container to in accordance with local / regional / national / international regulation.

**Special labelling**

Contains: 3-iodo-2-propynyl butylcarbamate, 2,2'-[[5-methyl-1H-benzotriazol-1-yl)methyl]imino]bisethanol. EUH208 May produce an allergic reaction.

**2.3 Other hazards**

**Human health dangers**

Has a degreasing effect on the skin.  
Frequent persistent contact with the skin can cause skin irritation.

**Other hazards**

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

## Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 2 / 12

### SECTION 3: Composition / Information on ingredients

#### Product-type:

The product is a mixture.

Range [%]	Substance
5 - 10	Alcohols, C16-18 and C18-unsatd., ethoxylated CAS: 68920-66-1, EINECS/ELINCS: 500-236-9, Reg-No.: 01-2119489407-26-XXXX GHS/CLP: Skin Irrit. 2: H315 - Aquatic Chronic 2: H411
5 - 10	2-(2-Butoxyethoxy)ethanol CAS: 112-34-5, EINECS/ELINCS: 203-961-6, EU-INDEX: 603-096-00-8, Reg-No.: 01-2119475104-44-XXXX GHS/CLP: Eye Irrit. 2: H319
< 5,5	Boric acid CAS: 10043-35-3, EINECS/ELINCS: 233-139-2, EU-INDEX: 005-007-00-2, Reg-No.: 01-2119486683-25-XXXX GHS/CLP: Repr. 1B: H360FD
1 - 3	3,3'-Methylenebis[5-methyloxazolidine] CAS: 66204-44-2, EINECS/ELINCS: 266-235-8 GHS/CLP: Eye Dam. 1: H318 - Skin Corr. 1B: H314 - Acute Tox. 4: H302 - Acute Tox. 3: H311
0,1 - 0,5	3-iodo-2-propynyl butylcarbamate CAS: 55406-53-6, EINECS/ELINCS: 259-627-5, EU-INDEX: 616-212-00-7 GHS/CLP: Acute Tox. 3: H331 - Acute Tox. 4: H302 - STOT RE 1: H372 - Eye Dam. 1: H318 - Skin Sens. 1: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M = 10
< 0,25	2,2'-[[[(5-methyl-1H-benzotriazol-1-yl)methyl]imino]bisethanol CAS: 80584-88-9, EINECS/ELINCS: 279-501-3 GHS/CLP: Eye Dam. 1: H318 - Acute Tox. 4: H302 - Skin Sens. 1: H317 - Aquatic Chronic 3: H412

#### Comment on component parts

Contains less than 3% w/w DMSO-extract (only for mineral oils)  
SVHC (Candidate List of Substances of Very High Concern for authorisation)  $\geq$  0,1%  
CAS 10043-35-3 - Boric acid  
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.

##### Inhalation

Ensure supply of fresh air.  
In the event of symptoms seek medical treatment.

##### Skin contact

When in 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

Supply with medical care.  
Do not induce vomiting.  
Rinse mouth.

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

No information available.

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

Treat symptomatically.

**Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)**

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 3 / 12

**SECTION 5: Fire-fighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media** Foam.  
Dry powder.  
Water spray jet.  
Carbon dioxide.  
Sand.

**Extinguishing media that must not be used** Full water jet.

**5.2 Special hazards arising from the substance or mixture**

In the event of fire the following can be released:  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>).  
Not combusted hydrocarbons.

**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.  
Collect contaminated firefighting water separately, must not be discharged into the drains.  
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**

Ensure adequate ventilation.  
Use personal protective equipment.  
High risk of slipping due to leakage/spillage of product.  
Forms slippery surfaces with water.

**6.2 Environmental precautions**

Do not discharge into the subsoil/soil.  
Do not discharge into the drains/surface waters/groundwater.  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

**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**

Avoid formation of oil dust.  
Avoid spilling or spraying in enclosed areas.  
Open and handle container with care.  
Keep away from open flames, hot surfaces and sources of ignition.  
Do not eat or drink when working.  
Wash hands before breaks and after work.  
Use barrier skin cream.

## Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 4 / 12

### 7.2 Conditions for safe storage, including any incompatibilities

Only use containers that are approved specifically for the substance/product.  
Prevent penetration into the ground.

Do not store together with oxidizing agents.

Keep container in a well-ventilated place.

Keep container tightly closed.

Keep away from frost.

Protect from heat/overheating and from sun.

Recommended storage temperature: 5-40 °C.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

## Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 5 / 12

### SECTION 8: Exposure controls / personal protection

#### 8.1 Control parameters

##### Ingredients with occupational exposure limits to be monitored (GB)

Range [%]	Substance
1 - 5	Boric acid
	CAS: 10043-35-3, EINECS/ELINCS: 233-139-2, EU-INDEX: 005-007-00-2, Reg-No.: 01-2119486683-25-XXXX
	Long-term exposure: 2 mg/m <sup>3</sup> , TWA (inhalable fraction, listed under Borate compounds, inorganic)
1 - 5	2-(2-Butoxyethoxy)ethanol
	CAS: 112-34-5, EINECS/ELINCS: 203-961-6, EU-INDEX: 603-096-00-8, Reg-No.: 01-2119475104-44-XXXX
	Long-term exposure: 10 ppm, 67,5 mg/m <sup>3</sup>
	Short-term exposure (15-minute): 15 ppm, 101,2 mg/m <sup>3</sup>

##### Ingredients with occupational exposure limits to be monitored (EU)

Range [%]	Substance / EC LIMIT VALUES
1 - 5	2-(2-Butoxyethoxy)ethanol
	CAS: 112-34-5, EINECS/ELINCS: 203-961-6, EU-INDEX: 603-096-00-8, Reg-No.: 01-2119475104-44-XXXX
	Eight hours: 10 ppm, 67,5 mg/m <sup>3</sup>
	Short-term (15-minute): 15 ppm, 101,2 mg/m <sup>3</sup>

#### DNEL

Range [%]	Substance
5 - 10	2-(2-Butoxyethoxy)ethanol, CAS: 112-34-5
	worker, dermal, Long-term - systemic effects: 20 mg/kg.
	worker, inhalative, Long-term - systemic effects: 67,5 mg/m <sup>3</sup> .
	general population, dermal, Long-term - systemic effects: 10 mg/kg.
	general population, inhalative, Long-term - systemic effects: 34 mg/m <sup>3</sup> .
	general population, inhalative, Acute - local effects: 50,6mg/m <sup>3</sup> .
< 5,5	Boric acid, CAS: 10043-35-3
	Industrial, dermal, Long-term - systemic effects: 392 mg/kg bw/d.
	Industrial, inhalative, Long-term - systemic effects: 8,3 mg/m <sup>3</sup> .
	Industrial, dermal, Long-term - systemic effects: 8,8 mg/m <sup>3</sup> .
	general population, oral, Long-term - systemic effects: 0,98 mg/kg bw/d.
	general population, oral, Acute - systemic effects: 0,98 mg/kg.
	general population, inhalative, Long-term - systemic effects: 4,15 mg/m <sup>3</sup> .
5 - 10	Alcohols, C16-18 and C18-unsatd., ethoxylated, CAS: 68920-66-1
	Industrial, inhalative, 294 mg/m <sup>3</sup> .
	Industrial, dermal, 2080 mg/kg.

#### PNEC

Range [%]	Substance
5 - 10	2-(2-Butoxyethoxy)ethanol, CAS: 112-34-5
	sewage treatment plants (STP), 200 mg/l.
	sediment (seaater), 0,4 mg/kg.
	sediment (freshwater), 4 mg/kg.
	seawater, 0,1 mg/l.
	freshwater, 1 mg/l.
< 5,5	Boric acid, CAS: 10043-35-3
	sewage treatment plants (STP), 1,75 mg/l.
	soil, 5,4 mg/kg.

## Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 6 / 12

	sediment (freshwater), 1,8 mg/kg.
	sediment (seaater), 1,8 mg/kg.
	seawater, 1,35 mg/l.
	freshwater, 1,35 mg/l.
5 - 10	Alcohols, C16-18 and C18-unsatd., ethoxylated, CAS: 68920-66-1
	soil, 1 mg/kg.
	sediment (freshwater), 6,33 mg/kg.
	seawater, 0,002 mg/l.
	freshwater, 0,002 mg/l.

### 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation.
<b>Eye protection</b>	safety glasses
<b>Hand protection</b>	The details concerned are recommendations. Please contact the glove supplier for further information. In full contact: Nitrile rubber, >480 min (EN 374). In splash contact Nitrile rubber, >60 min (EN 374).
<b>Skin protection</b>	Protective clothing.
<b>Other</b>	Do not breathe vapour/spray. 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.
<b>Respiratory protection</b>	Not required under normal conditions. Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, combination filter A-P1.
<b>Thermal hazards</b>	not applicable
<b>Delimitation and monitoring of the environmental exposition</b>	Protect the environment by applying appropriate control measures to prevent or limit emissions.

## Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 7 / 12

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Form	liquid
Color	yellow
Odor	like mineral oil
Odour threshold	No information available.
pH-value	9,0-9,2 (5 %; 20°C) (DIN 51369)
pH-value [1%]	No information available.
Boiling point [°C]	> 100
Flash point [°C]	> 160 (DIN EN ISO 2592)
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/ml]	1,04 (DIN EN ISO 12185) (20 °C / 68,0 °F)
Bulk density [kg/m <sup>3</sup> ]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	No information available.
Viscosity	90 mm <sup>2</sup> /s (20°C; DIN EN ISO 3104)
Relative vapour density determined in air	No information available.
Evaporation speed	No information available.
Melting point [°C]	> -20
Autoignition temperature [°C]	No information available.
Decomposition temperature [°C]	No information available.

#### 9.2 Other information

Ignition Temperature: > 240 °C

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No dangerous reactions known if used as directed.

#### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

#### 10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

#### 10.4 Conditions to avoid

See SECTION 7.2.

#### 10.5 Incompatible materials

See SECTION 10.3.

#### 10.6 Hazardous decomposition products

In the event of fire: See SECTION 5.

## Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 8 / 12

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

Range [%]	Substance
5 - 10	2-(2-Butoxyethoxy)ethanol, CAS: 112-34-5
	LD50, dermal, Rabbit: > 2000 mg/kg (IUCLID).
	LD50, oral, Rat: > 2000 mg/kg (IUCLID).
< 5,5	Boric acid, CAS: 10043-35-3
	LD50, dermal, Rat: > 2000 mg/kg.
	LD50, oral, Rat: 2660 mg/kg.
	LC50, inhalative, Rat: > 2,03 mg/l.

<b>Serious eye damage/irritation</b>	Irritant
<b>Skin corrosion/irritation</b>	Irritant
<b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity — single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity — repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproduction toxicity</b>	This product contains one or more substance(s) of categorie Repr. 1B (CLP).
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>General remarks</b>	Frequent persistent contact with the skin can cause skin irritation. May cause irritation of eyes, mucous membranes and respiratory organs.  Toxicological data of complete product are not available. 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

Range [%]	Substance
5 - 10	2-(2-Butoxyethoxy)ethanol, CAS: 112-34-5
	LC50, (96h), Lepomis macrochirus: 1300 mg/l (IUCLID).
	EC50, (48h), Daphnia magna: > 100 mg/l (IUCLID).
< 5,5	Boric acid, CAS: 10043-35-3
	LC50, (96h), Oncorhynchus mykiss: 50-100 mg/l.
	EC50, (48h), Daphnia magna: 133 mg/l.
5 - 10	Alcohols, C16-18 and C18-unsatd., ethoxylated, CAS: 68920-66-1
	LC50, (96h), Brachidanio rerio: 108 mg/l (OECD 203).
	EC50, (72h), Scenedesmus subspicatus: > 100 mg/l.
	EC50, (48h), Daphnia magna: 51 mg/l (OECD 202).

#### 12.2 Persistence and degradability

<b>Behaviour in environment compartments</b>	No information available.
<b>Behaviour in sewage plant</b>	No information available.
<b>Biological degradability</b>	Slightly eliminable from water. Biodegradable in part only



## Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 9 / 12

### 12.3 Bioaccumulative potential

Bioaccumulation is potentially possible.

### 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

Ecological data of complete product are not available.

The product was classified on the basis of the calculation procedure of the preparation directive.

Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. 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)

120107\*

#### 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

See SECTION 14.2 in accordance with UN shipping name

### 14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

### 14.3 Transport hazard class(es)

See SECTION 14.2 in accordance with UN shipping name

### 14.4 Packing group

See SECTION 14.2 in accordance with UN shipping name

**Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)**

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 10 / 12

**14.5 Environmental hazards**

See SECTION 14.2 in accordance with UN shipping name

**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**

not applicable

**SECTION 15: Regulatory information**

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

<b>EEC-REGULATIONS</b>	1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC; (EU) 2015/830
<b>TRANSPORT-REGULATIONS</b>	DOT-Classification, ADR (2015); IMDG-Code (2015, 37. Amdt.); IATA-DGR (2015).
<b>NATIONAL REGULATIONS (GB):</b>	EH40/2005 Workplace exposure limits (Second edition, published December 2011). CHIP 3/ CHIP 4
- Observe employment restrictions for people	none
- VOC (1999/13/CE)	No information available.

**15.2 Chemical safety assessment**

No information available.

**SECTION 16: Other information**

**16.1 Hazard statements (SECTION 3)**

H412 Harmful to aquatic life with long lasting effects.  
H410 Very toxic to aquatic life with long lasting effects.  
H400 Very toxic to aquatic life.  
H317 May cause an allergic skin reaction.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H331 Toxic if inhaled.  
H311 Toxic in contact with skin.  
H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H314 Causes severe skin burns and eye damage.  
H360FD May damage fertility. May damage the unborn child.  
H411 Toxic to aquatic life with long lasting effects.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

## Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 11 / 12

### 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  
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  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
PBT = Persistent, Bioaccumulative and Toxic substance  
PNEC = Predicted No-Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
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

Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)  
Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)  
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

**Opticool 572 - Safety Data Sheet 1907/2006/EC - REACH (GB)**

Date printed 03.07.2015, Revision 03.07.2015

Version 03. Supersedes version: 02

Page 12 / 12

**Modified position**

SECTION 2 been added: Ausrufezeichen  
SECTION 2 been added: Skin Irrit. 2  
SECTION 2 been added: WARNING  
SECTION 2 been added: H315 Causes skin irritation.  
SECTION 2 been added: Eye Irrit. 2  
SECTION 2 been added: H319 Causes serious eye irritation.  
SECTION 2 been added: P280 Wear protective gloves / eye protection / face protection.  
SECTION 2 been added: P273 Avoid release to the environment.  
SECTION 2 been added: P332+P313 If skin irritation occurs: Get medical advice / attention.  
SECTION 2 been added: P501 Dispose of contents / container to in accordance with local / regional / national / international regulation.  
SECTION 2 deleted: Classification according to conversion table Annex VII 1272/2008/EC  
SECTION 2 been added: P337+P313 If eye irritation persists: Get medical advice / attention.  
SECTION 3 been added: Contains less than 3% w/w DMSO-extract (only for mineral oils)  
SECTION 7 been added: Keep away from open flames, hot surfaces and sources of ignition.  
SECTION 7 been added: Open and handle container with care.  
SECTION 7 deleted: Recommended storage temperature: 10-25 °C (40 - 77 °F).  
SECTION 7 been added: Recommended storage temperature: 5-40 °C.  
SECTION 9 been added: No information available.  
SECTION 9 deleted: not determined  
SECTION 11 deleted: not determined  
SECTION 11 been added: Irritant  
SECTION 11 deleted: not determined  
SECTION 11 been added: Based on available data, the classification criteria are not met.  
SECTION 11 deleted: not determined  
SECTION 11 been added: Irritant  
SECTION 12 deleted: not determined  
SECTION 12 been added: Biodegradable in part only  
SECTION 12 been added: No information available.  
SECTION 12 deleted: The product is not readily biodegradable.  
SECTION 15 been added: No information available.  
SECTION 15 been added: TRGS 400: Risk assessment  
SECTION 15 been added: Please note BG leaflet BGI 595: Irritative substances/caustic substances when at work.  
SECTION 15 been added: Storage class 10 (VCI)  
SECTION 15 deleted: Storage class 10 - 13 (VCI)  
SECTION 15 been added: 5.2.5.  
SECTION 16 deleted: not determined  
SECTION 16 been added: No information available.  
SECTION 16 been added: Calculation method

Copyright: Chemiebüro®

