

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019

Page 1 / 17

Version 08. Supersedes version: 07

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

#### 1.1 Product identifier

Arcanol MULTITOP

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

##### 1.2.1 Relevant uses

Lubricant

##### 1.2.2 Uses advised against

None known.

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

##### Company

Schaeffler Technologies AG & Co. KG  
Georg-Schäfer-Str. 30  
97421 Schweinfurt / GERMANY  
Phone +49 (0)9721 91 - 0  
Homepage [www.schaeffler.com](http://www.schaeffler.com)

##### Address enquiries to

##### Technical information

[support.is@schaeffler.com](mailto:support.is@schaeffler.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 [REGULATION (EC) No 1272/2008]

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

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019  
Version 08. Supersedes version: 07

Page 2 / 17

### 2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

**Hazard pictograms** none

**Signal word** none

**Hazard statements** H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P273 Avoid release to the environment.  
P501 Dispose of contents/container in accordance with local/national regulation.

**Special labelling** Contains: Benzenesulfonic acid, di-C10-14 alkyl derivs., calcium salts.  
EUH208 May produce an allergic reaction.

### 2.3 Other hazards

**Human health dangers** Frequent persistent contact with the skin can cause skin irritation.

**Environmental hazards** Does not contain any PBT or vPvB substances.

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

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019

Page 3 / 17

Version 08. Supersedes version: 07

### SECTION 3: Composition / Information on ingredients

#### Product-type:

3.2 The product is a mixture.

Range [%]	Substance
5 - < 10	Distillates (petroleum), solvent-refined heavy paraffinic CAS: 64741-88-4, EINECS/ELINCS: 265-090-8, EU-INDEX: 649-454-00-7, Reg-No.: 01-2119488706-23
10 - < 50	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based CAS: 72623-87-1, EINECS/ELINCS: 276-738-4, EU-INDEX: 649-483-00-5, Reg-No.: 01-2119474889-13-XXXX GHS/CLP: Asp. Tox. 1: H304
2,5 - < 5	Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) CAS: 4259-15-8, EINECS/ELINCS: 224-235-5, Reg-No.: 01-2119493635-27-XXXX GHS/CLP: Eye Dam. 1: H318 - Aquatic Chronic 2: H411
0,5 - < 1	Benzenesulfonic acid, di-C10-14 alkyl derivs., calcium salts CAS: 1471316-72-9, EINECS/ELINCS: 939-603-7, Reg-No.: 01-2119978241-36-XXXX GHS/CLP: Skin Sens. 1: H317

#### Comment on component parts

Contains less than 3% w/w DMSO-extract (only for mineral oils)  
Substances 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

Change soaked clothing.

##### 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

Seek medical advice immediately.  
Do not induce vomiting.

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019  
Version 08. Supersedes version: 07

Page 4 / 17

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

Headache  
Irritant effects

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

Treat symptomatically.  
Forward this sheet to the doctor.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

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

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

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

Risk of formation of toxic pyrolysis products.  
Carbon monoxide (CO)  
Nitrogen oxides (NO<sub>x</sub>).

### 5.3 Advice for firefighters

Use self-contained breathing apparatus.  
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

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

### 6.2 Environmental precautions

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

### 6.3 Methods and material for containment and cleaning up

Take up mechanically.  
Dispose of absorbed material in accordance within the regulations.

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019  
Version 08. Supersedes version: 07

Page 5 / 17

### 6.4 Reference to other sections

See SECTION 8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Use only in well-ventilated areas.  
No special measures necessary if used correctly.

Wash hands before breaks and after work.  
Use barrier skin cream.  
Do not eat, drink or smoke when using this product.

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

Keep only in original container.  
Prevent penetration into the ground.  
Do not store together with oxidizing agents.  
Do not store together with food and animal food/diet.  
Keep container tightly closed.  
Keep in a cool place. Store in a dry place.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019

Page 6 / 17

Version 08. Supersedes version: 07

### SECTION 8: Exposure controls / personal protection

#### 8.1 Control parameters

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

not applicable

#### DNEL

Substance
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate), CAS: 4259-15-8
Industrial, inhalative, Long-term - systemic effects: 6,6 mg/m <sup>3</sup> .
Industrial, dermal, Long-term - systemic effects: 9,6 mg/kg bw/d.
general population, inhalative, Long-term - systemic effects: 1,67 mg/m <sup>3</sup> .
general population, dermal, Long-term - systemic effects: 4,8 mg/kg bw/d.
general population, oral, Long-term - systemic effects: 0,19 mg/kg bw/d.
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1
Industrial, inhalative, Long-term - local effects: 5.6 mg/m <sup>3</sup>
Industrial, inhalative, Long-term - systemic effects: 2.7 mg/m <sup>3</sup> .
Industrial, dermal, Long-term - systemic effects: 1 mg/kg bw/day
general population, oral, Long-term - systemic effects: 0.74 mg/kg bw/day
Distillates (petroleum), solvent-refined heavy paraffinic, CAS: 64741-88-4
Industrial, inhalative, Long-term - systemic effects: 2.7 mg/m <sup>3</sup> .
Industrial, inhalative, Long-term - local effects: 5.6 g/m <sup>3</sup> .
Industrial, dermal, Long-term - systemic effects: 1 mg/kg bw/d.
general population, oral, Long-term - systemic effects: 0.74 mg/kg bw/d.
Benzenesulfonic acid, di-C10-14 alkyl derivs., calcium salts, CAS: 1471316-72-9
Industrial, dermal, Long-term - systemic effects: 25 mg/kg bw/day.
Industrial, inhalative, Long-term - systemic effects: 35,26 mg/m <sup>3</sup> .
general population, inhalative, Long-term - systemic effects: 8,7 mg/m <sup>3</sup> .
general population, dermal, Long-term - systemic effects: 12.5 mg/kg bw/day.
general population, oral, Long-term - systemic effects: 2,5 mg/kg bw/day.

#### PNEC

Substance
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate), CAS: 4259-15-8
oral (food), 8.33 mg/kg food (AF=300).
soil, 0.062 mg/kg dw.
sediment (seawater), 0.0322 mg/kg dw.
sediment (freshwater), 0.322 mg/kg dw.
sewage treatment plants (STP), 3.8 mg/L (AF= 100).

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019		Page 7 / 17
Version 08. Supersedes version: 07		
	seawater, 4.6 µg/L (AF= 10 000).	
	freshwater, 4 µg/L (AF= 100).	
	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1	
	oral (food), 9,33 mg/kg.	
	Distillates (petroleum), solvent-refined heavy paraffinic, CAS: 64741-88-4	
	There are no PNEC values established for the substance.,	
	Benzenesulfonic acid, di-C10-14 alkyl derivs., calcium salts, CAS: 1471316-72-9	
	soil, 36739,74 mg/kg soil dw.	
	sediment (seawater), 45211 mg/kg sediment dw.	
	sediment (freshwater), 45211 mg/kg sediment dw.	
	sewage treatment plants (STP), 1000 mg/l.	
	seawater, 0,1 mg/l.	
	freshwater, 0,1 mg/l.	

### 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
<b>Eye protection</b>	Safety glasses. (EN 166:2001)
<b>Hand protection</b>	The details concerned are recommendations. Please contact the glove supplier for further information. In full contact: > 0,4 mm: Butyl rubber, >120 min (EN 374-1/-2/-3).
<b>Skin protection</b>	light protective clothing
<b>Other</b>	Avoid contact with eyes and skin.
<b>Respiratory protection</b>	not applicable
<b>Thermal hazards</b>	not applicable
<b>Delimitation and monitoring of the environmental exposition</b>	Comply with applicable environmental regulations limiting discharge to air, water and soil.

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019

Page 8 / 17

Version 08. Supersedes version: 07

### SECTION 9: Physical and chemical properties

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

<b>Form</b>	pasty
<b>Color</b>	dark brown
<b>Odor</b>	characteristic
<b>Odour threshold</b>	No information available.
<b>pH-value</b>	not applicable
<b>pH-value [1%]</b>	not applicable
<b>Boiling point [°C]</b>	> 300°C/> 572°F
<b>Flash point [°C]</b>	> 200°C/> 392°F
<b>Flammability (solid, gas) [°C]</b>	No information available.
<b>Lower explosion limit</b>	No information available.
<b>Upper explosion limit</b>	No information available.
<b>Oxidising properties</b>	no
<b>Vapour pressure/gas pressure [kPa]</b>	< 0,01 (20°C)
<b>Density [g/ml]</b>	ca. 0,87 (20°C)
<b>Bulk density [kg/m³]</b>	not applicable
<b>Solubility in water</b>	virtually insoluble
<b>Partition coefficient [n-octanol/water]</b>	No information available.
<b>Viscosity</b>	82 mm²/s (40°C)
<b>Relative vapour density determined in air</b>	No information available.
<b>Evaporation speed</b>	No information available.
<b>Melting point [°C]</b>	No information available.
<b>Autoignition temperature [°C]</b>	No information available.
<b>Decomposition temperature [°C]</b>	> 200°C/> 392°F

#### 9.2 Other information

Drop point: &gt; 190°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).



# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019  
Version 08. Supersedes version: 07

Page 9 / 17

### 10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

If product is heated above decomposition temperature toxic vapours may be released.

### 10.4 Conditions to avoid

See SECTION 7.2.

### 10.5 Incompatible materials

not determined

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019

Page 10 / 17

Version 08. Supersedes version: 07

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

Substance
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate), CAS: 4259-15-8
LD50, dermal, Rabbit: > 5000 mg/kg bw (OECD 402).
LD50, oral, Rat: > 3100 mg/kg bw (OECD 401).
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1
LD50, dermal, Rabbit: >= 2000 mg/kg (OECD 402).
LD50, oral, Rat: >= 5000 mg/kg (OECD 401).
LC50, inhalative, Rat: >= 5,53 mg/l (OECD 403).
Distillates (petroleum), solvent-refined heavy paraffinic, CAS: 64741-88-4
LD50, dermal, Rabbit: > 5000 mg/kg.
LD50, oral, Rat: > 5000 mg/kg.
Benzenesulfonic acid, di-C10-14 alkyl derivs., calcium salts, CAS: 1471316-72-9
LD50, dermal, Rabbit: >2000 mg/kg bw (OECD 402)
LD50, oral, Rat: >10000 - <20000 mg/kg bw (Lit.).
LC50, inhalative, Rat: >1,9 mg/l air (EPA OPP 81-3)

##### Serious eye damage/irritation

Based on the available information, the classification criteria are not fulfilled.  
Slight irritant effect - does not require labelling.  
The undiluted substance CAS 4259-15-8 is an irritant while the 50% formulation in mineral oil was not an irritant.  
Classification was carried out based on substance-specific concentration limits.

##### Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.

##### Respiratory or skin sensitisation

May produce an allergic reaction.  
Calculation method  
> 10% Skin Sens. 1B (CAS 1471316-72-9)

##### 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.

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019

Page 11 / 17

Version 08. Supersedes version: 07

<b>Reproduction toxicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Carcinogenicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Aspiration hazard</b>	Based on the available information, the classification criteria are not fulfilled.

### General remarks

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.

## SECTION 12: Ecological information

### 12.1 Toxicity

Substance
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate), CAS: 4259-15-8
EL50, (48h), Daphnia magna: 75 mg/l (OECD 202).
NOEC, (21d), Daphnia magna: 0,4 mg/l (OECD 211).
LL50, (96h), Rainbow trout: 4,4 mg/l (OECD 203).
ErL50, (72h), Scenedesmus subspicatus: 410 mg/l (OECD 201).
EbL50, (72h), Scenedesmus subspicatus: 240 mg/l (OECD 201).
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1
EL50, (24h), Daphnia magna: >10000 mg/l (OECD).
LL50, (96h), Pimephales promelas: >100 mg/l (OECD).
NOEL, (72h), Pseudokirchneriella subcapitata: >100 mg/l (OECD).
NOEL, (21d), Daphnia magna: 10 mg/l (OECD).
Benzenesulfonic acid, di-C10-14 alkyl derivs., calcium salts, CAS: 1471316-72-9
EL50, (72h), Scenedesmus subspicatus: >100 mg/l (OECD 201).
EL50, (48h), Daphnia magna: >100 mg/l (OECD 202).
LL50, (96h), Oncorhynchus mykiss: >100 mg/l (OECD 203).

### 12.2 Persistence and degradability

<b>Behaviour in environment compartments</b>	not determined
<b>Behaviour in sewage plant</b>	not determined
<b>Biological degradability</b>	not determined

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019  
Version 08. Supersedes version: 07

Page 12 / 17

### 12.3 Bioaccumulative potential

not determined

### 12.4 Mobility in soil

not determined

### 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

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

Disposal in an incineration plant in accordance with the regulations of the local authorities.

In according to RoHS!

Coordinate disposal with the disposal contractor/authorities if necessary.

#### Waste no. (recommended)

120112\* spent waxes and fats

#### Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Uncontaminated packaging may be reused.

#### Waste no. (recommended)

150110\*  
150104

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019

Page 13 / 17

Version 08. Supersedes version: 07

### SECTION 14: Transport information

#### 14.1 UN number

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

#### 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)

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019  
Version 08. Supersedes version: 07

Page 14 / 17

### 14.4 Packing group

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

### 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

not applicable

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019

Page 15 / 17

Version 08. Supersedes version: 07

### 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-  
NATIONAL REGULATIONS  
(GB):** ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2019)  
EH40/2005 Workplace exposure limits (Second edition, published  
December 2011).

- Observe employment restrictions for people no  
- VOC (2010/75/CE) 0 %

#### 15.2 Chemical safety assessment

not applicable

### SECTION 16: Other information

#### 16.1 Hazard statements (SECTION 03)

H317 May cause an allergic skin reaction.  
H304 May be fatal if swallowed and enters airways.  
H411 Toxic to aquatic life with long lasting effects.  
H318 Causes serious eye damage.

# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019  
Version 08. Supersedes version: 07

Page 16 / 17

### 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

Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)



# Arcanol MULTITOP

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

Date printed 11.09.2019, Revision 11.09.2019  
Version 08. Supersedes version: 07

Page 17 / 17

**Modified position**

none