

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 1 / 18

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

#### 1.1 Product identifier

**Arcanol SEMIFLUID**

#### 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 (UK) Limited  
Waleswood Road, Wales Bar  
S26 5PN Sheffield / UNITED KINGDOM  
Phone +44 19 09 51 05 00  
Homepage [www.schaeffler.co.uk](http://www.schaeffler.co.uk)  
E-mail [info.uk@schaeffler.com](mailto:info.uk@schaeffler.com)

##### Manufacturer

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) (No dispatch of safety data sheets)  
Safety data sheets are available from the supplier.

#### 1.4 Emergency telephone number

##### Advisory body

+49 (0)89-19240 (24h) (English)  
Call NHS 111 or a doctor

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

No classification.

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 2 / 18

### 2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

**Hazard pictograms** none

**Signal word** none

**Hazard statements** none

**Precautionary statements** none

**Special labelling** EUH210 Safety data sheet available on request.

Contains: 3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid. EUH208 May produce an allergic reaction.

### 2.3 Other hazards

#### Human health dangers

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### Environmental hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### Other hazards

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

## SECTION 3: Composition / Information on ingredients

### 3.1 Substances

not applicable

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 3 / 18

### 3.2 Mixtures

The product is a mixture.

Range [%]	Substance
0,1 - < 1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene
	CAS: 68411-46-1, EINECS/ELINCS: 270-128-1, Reg-No.: 01-2119491299-23-XXXX
	GHS/CLP: Repr. 2: H361f - Aquatic Chronic 3: H412
0,1 - < 1	3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid
	CAS: 268567-32-4, EINECS/ELINCS: 434-070-2, Reg-No.: 01-2119658068-31-XXXX
	GHS/CLP: Eye Dam. 1: H318 - Skin Sens. 1B: H317 - Aquatic Chronic 3: H412

**Comment on component parts** Contains less than 3% w/w DMSO-extract (only for mineral oils)

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>General information</b>	Change soaked clothing.
<b>Inhalation</b>	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
<b>Skin contact</b>	When in contact with the skin, clean with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
<b>Eye contact</b>	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.
<b>Ingestion</b>	Seek medical advice immediately. Do not induce vomiting.

### 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

Forward this sheet to your doctor.

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 4 / 18

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

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

**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.  
Not combusted hydrocarbons.  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</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.  
Forms slippery surfaces with water.

#### 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.  
Take up residues with absorbent material (e.g. sand).  
Dispose of absorbed material in accordance within the regulations.

#### 6.4 Reference to other sections

See SECTION 8+13

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 5 / 18

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Use only in well-ventilated areas.  
The normal safety precautions for handling chemicals must be observed.

Wash hands before breaks and after work.  
Use barrier skin cream.  
Do not eat, drink or smoke when using this product.  
Cloths contaminated with product should not be kept in trouser pockets.

#### 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 acids and alkalies.  
Keep container tightly closed.

#### 7.3 Specific end use(s)

See product use, SECTION 1.2

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025 Version 4.0. Supersedes version: 3.0	Page 6 / 18
<b>SECTION 8: Exposure controls / personal protection</b>	

### 8.1 Control parameters

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

not relevant

#### Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

not relevant

#### DNEL

Substance
3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4
Industrial, inhalative, Long-term - systemic effects, 4,4 mg/m <sup>3</sup> (AF=25)
Industrial, dermal, Long-term - systemic effects, 1.25 mg/kg bw/d (AF=100)
general population, inhalative, Long-term - systemic effects, 1.1 mg/m <sup>3</sup> (AF=50)
general population, dermal, Long-term - systemic effects, 0.6 mg/kg bw/d (AF=200)
general population, oral, Long-term - systemic effects, 0.6 mg/kg bw/d (AF=200)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
Industrial, inhalative, Long-term - systemic effects, 0,31 mg/m <sup>3</sup>
Industrial, dermal, Long-term - systemic effects, 0,44 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 0,08 mg/m <sup>3</sup>
general population, dermal, Long-term - systemic effects, 0,22 mg/kg bw/day
general population, oral, Long-term - systemic effects, 0,05 mg/kg bw/day

#### PNEC

Substance
3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4
freshwater, 36 µg/L
seawater, 3,6 µg/L
sewage treatment plants (STP), 10 mg/L
sediment (freshwater), 1,42 mg/kg sediment dw
sediment (seawater), 142 µg/kg sediment dw
soil, 496 µg/kg soil dw
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
freshwater, 0,034 mg/L
seawater, 0,003 mg/L
sewage treatment plants (STP), 10 mg/L
sediment (freshwater), 0,446 mg/kg sediment dw
sediment (seawater), 0,045 mg/kg sediment dw
soil, 17,6 mg/kg soil dw
oral (food), 0,833 mg/kg food

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 7 / 18

### 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation. General exposure limit for oil mist should be noted. 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>	If there is a risk of splashing: 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: >= 0,38 mm; NBR: acrylonitrile butadiene rubber, >480 min (EN 374-1/-2/-3).
<b>Skin protection</b>	Protective clothing (EN 340)
<b>Other</b>	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. Avoid contact with eyes and skin.
<b>Respiratory protection</b>	Not required under normal conditions.
<b>Thermal hazards</b>	none
<b>Delimitation and monitoring of the environmental exposition</b>	Comply with applicable environmental regulations limiting discharge to air, water and soil.

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 8 / 18

### SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	solid
<b>Form</b>	pasty
<b>Color</b>	yellow
<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 or initial boiling point and boiling range [°C]</b>	No information available.
<b>Flash point [°C]</b>	No information available.
<b>Flammability</b>	No information available.
<b>Lower explosion limit</b>	not applicable
<b>Upper explosion limit</b>	not applicable
<b>Oxidising properties</b>	no
<b>Vapour pressure/gas pressure [kPa]</b>	No information available.
<b>Density [g/cm<sup>3</sup>]</b>	0.9 (20 °C / 68,0 °F)
<b>Relative density</b>	No information available.
<b>Bulk density [kg/m<sup>3</sup>]</b>	not applicable
<b>Solubility in water [g/L]</b>	insoluble
<b>Solubility other solvents</b>	No information available.
<b>Partition coefficient n-octanol/water (log value)</b>	not applicable
<b>Kinematic viscosity</b>	180 mm <sup>2</sup> /s (40°C/ 104°F)
<b>Relative vapour density</b>	not relevant
<b>Melting point [°C]</b>	>185 /> 85°F (1013 mbar)
<b>Auto-ignition temperature [°C]</b>	not applicable
<b>Decomposition temperature [°C]</b>	No information available.
<b>Particle characteristics</b>	not applicable

#### 9.2 Other information

NLGI (National Lubricating Grease Institute) consistency number: 00

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No dangerous reactions known if used as directed.

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 9 / 18

### 10.2 Chemical stability

The product is stable under standard conditions.

### 10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

### 10.4 Conditions to avoid

No special measures necessary.

### 10.5 Incompatible materials

Strong oxidizing agent.  
Strong acids.  
Strong bases

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.  
In the event of fire: See SECTION 5.

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025 Version 4.0. Supersedes version: 3.0	Page 10 / 18
<b>SECTION 11: Toxicological information</b>	

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute oral toxicity** Based on the available information, the classification criteria are not fulfilled.

Substance
3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4
LD50, oral, Rat, > 2000 mg/kg bw, OECD 423
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
LC50, oral, Rat, > 5000 mg/kg, OECD 401

**Acute dermal toxicity** Based on the available information, the classification criteria are not fulfilled.

Substance
3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4
LD50, dermal, Rat, > 2000 mg/kg bw, OECD 402
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
LD50, dermal, Rat, > 2000 mg/kg, OECD 402

**Acute inhalational toxicity** Based on the available information, the classification criteria are not fulfilled.

**Serious eye damage/irritation** Based on the available information, the classification criteria are not fulfilled.

Substance
3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4
Eye, Rabbit, OECD 405, Causes serious eye damage.
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
Eye, OECD 405, non-irritating

**Skin corrosion/irritation** Based on the available information, the classification criteria are not fulfilled.

Substance
3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4
dermal, Rabbit, OECD 404, no adverse effect observed
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
dermal, non-irritating

**Respiratory or skin sensitisation** EUH208: May produce an allergic reaction.  
Calculation method

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025		Page 11 / 18
Version 4.0. Supersedes version: 3.0		
Substance	3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4	
	dermal, Guinea pig, OECD 406, sensitising	
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1	
	dermal, Guinea pig, OECD 406, non-sensitizing	

**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.

Substance	3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4	
	NOAEL, oral, Rat, 125 mg/kg bw/day, OECD 408, adverse effect observed	

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

Substance	3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4	
	in vitro, OECD 473, positive	
	mouse, OECD 474, negativ	
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1	
	in vitro, negativ	

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

### - Fertility

Substance	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1	
	NOAEL, oral, Rat, 54 mg/kg bw/day, adverse effect observed	

### - Development

Substance	3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4	
	NOAEL, oral, Rat, 400 mg/kg bw/day, OECD 414, no adverse effect observed	

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

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 12 / 18

### Aspiration hazard

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

### General remarks

Toxicological data of complete product are not available.

## 11.2 Information on other hazards

### 11.2.1 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 11.2.2 Other information

none

## SECTION 12: Ecological information

### 12.1 Toxicity

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

Substance
3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4
LC50, (96h), Fish, 38 mg/l, OECD 203
EC50, (48h), Daphnia magna, 53 mg/l, OECD 202
EC50, (72h), Algae, 79 mg/l, OECD 201
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
LC50, (96h), Fish, > 100 mg/l, OECD 203
EC50, (72h), Algae, > 100 mg/l, OECD 201
EC50, (48h), Daphnia magna, 51 mg/l, OECD 202

### 12.2 Persistence and degradability

**Behaviour in environment compartments** No information available.

**Behaviour in sewage plant** No information available.

**Biological degradability** No information available.

Substance
3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4
< 10%, OECD 301 B, The product is not readily biodegradable.
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
The product is not readily biodegradable.

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 13 / 18

### 12.3 Bioaccumulative potential

No information available.

	Substance
	3-(Diisobutoxy-thiophosphorylsulfanyl)-2-methyl-propionic acid, CAS: 268567-32-4
	BCF, < 10, OECD 305

### 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 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

Do not discharge product unmonitored into the environment or into the drainage.

## 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

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

**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\* packaging containing residues of or contaminated by hazardous substances  
150102

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 14 / 18

### SECTION 14: Transport information

#### 14.1 UN number or ID 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 SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 15 / 18

### 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 Maritime transport in bulk according to IMO instruments

not applicable

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 16 / 18

### SECTION 15: Regulatory information

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

**EEC-REGULATIONS** 2008/98/EG (2000/532/EC ); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 2024/573; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707

- **Comment on component parts** Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.

- **Annex XIV (REACH)** According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances  $\geq$  0.1% that are subject to authorisation.

- **Annex XVII (REACH)** According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product contains  $\geq$  0.1% of substances with the following restrictions.  
75

According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions.

**TRANSPORT- NATIONAL REGULATIONS (UK):** ADR (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2025) EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.

- **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 3)

H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.  
H361f Suspected of damaging fertility.

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 17 / 18

### 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  
EL50 = Median effective loading  
ELINCS = European List of Notified Chemical Substances  
EmS = Emergency Schedules  
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  
IVIS = In vitro irritation score  
LC50 = Lethal concentration, 50%  
LD50 = Median lethal dose  
LC0 = lethal concentration, 0%  
LOAEL = lowest-observed-adverse-effect level  
LL50 = Median lethal loading  
LQ = Limited Quantities  
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

# Arcanol SEMIFLUID

## Safety Data Sheet (UK REACH) (UK)

Date printed 08.07.2025, Revision 08.07.2025  
Version 4.0. Supersedes version: 3.0

Page 18 / 18

**Modified position**

2.3