

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 1 / 19

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

#### 1.1 Product identifier

Arcanol LOAD150

#### 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

[info.uk@schaeffler.com](mailto:info.uk@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

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

### SECTION 2: Hazards identification

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

Eye Dam. 1: H318 Causes serious eye damage.

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025 Version 12.0. Supersedes version: 11.0	Page 2 / 19
--	-------------

### 2.2 Label elements

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

**Hazard pictograms**



**Signal word**

DANGER

**Contains:**

Reaction products of boric acid and lithium hydroxide

**Hazard statements**

H318 Causes serious eye damage.

**Precautionary statements**

P280 Wear protective gloves / eye protection / face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER / doctor.

**Special labelling**

Contains: Zinc naphthenate. EUH208 May produce an allergic reaction.

### 2.3 Other hazards

**Human health dangers**

High Pressure Applications. Injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency.  
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.

**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 LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025 Version 12.0. Supersedes version: 11.0	Page 3 / 19
--	-------------

### 3.2 Mixtures

The product is a mixture.

Range [%]	Substance
3 - 5	Reaction products of boric acid and lithium hydroxide
	EINECS/ELINCS: 701-475-3, Reg-No.: 01-2120772309-47-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Eye Dam. 1: H318 - Repr. 2: H361d
	SCL [%]: 7,9 - 100: Repr. 2: H361d
1 - 2	Zinc naphthenate
	CAS: 84418-50-8, EINECS/ELINCS: 282-762-6, Reg-No.: 01-2119988500-34-XXXX
	GHS/CLP: Skin Sens. 1: H317 - Aquatic Chronic 3: H412
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

**Comment on component parts** For full text of H-statements: see SECTION 16.  
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. Consult a doctor if skin irritation persists.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.
<b>Ingestion</b>	Seek medical advice immediately. Do not induce vomiting.

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

Allergic reactions  
Eye contact:  
Product is caustic.

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 4 / 19

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

Treat symptomatically.

Forward this sheet to your doctor.

Note: High Pressure Applications

Injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency. Injuries may not appear serious at first but within a few hours tissue becomes swollen, discoloured and extremely painful with extensive subcutaneous necrosis. Surgical exploration should be undertaken without delay. Thorough and extensive debridement of the wound and underlying tissue is necessary to minimise tissue loss and prevent or limit permanent damage. Note that high pressure may force the product considerable distances along tissue planes.

## 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.

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

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 5 / 19

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

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

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

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

Keep only in original container.  
Do not store together with oxidizing agents.  
Keep container tightly closed.  
Keep away from frost.  
Keep in a cool place. Store in a dry place.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025 Version 12.0. Supersedes version: 11.0	Page 6 / 19
<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
Zinc naphthenate, CAS: 84418-50-8
There are no DNEL values established for the substance.
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> (AF= 50)
Industrial, dermal, Long-term - systemic effects, 0,44 mg/kg bw/d (AF= 200)
general population, inhalative, Long-term - systemic effects, 0,08 mg/m <sup>3</sup> (AF= 100)
general population, dermal, Long-term - systemic effects, 0,22 mg/kg bw/d (AF= 400)
general population, oral, Long-term - systemic effects, 0,05 mg/kg bw/d (AF= 400)
Reaction products of boric acid and lithium hydroxide
Industrial, inhalative, Long-term - systemic effects, 7.1 mg/m <sup>3</sup> (AF=12.5)
Industrial, dermal, Long-term - systemic effects, 1.67 mg/kg bw/d (AF=30)
general population, dermal, Long-term - systemic effects, 0.83 mg/kg bw/d (AF=60)
general population, inhalative, Long-term - systemic effects, 1.74 mg/m <sup>3</sup> (AF=25)
general population, oral, Long-term - systemic effects, 0.83 mg/kg bw/d (AF=60)

#### PNEC

Substance
Zinc naphthenate, CAS: 84418-50-8
freshwater, 6,39 µg/L
seawater, 0,64 µg/L
sewage treatment plants (STP), 147,73 µg/L
sediment (freshwater), 31,93 mg/kg Sediment dw
sediment (seawater), 3,19 mg/kg Sediment dw
soil, 6,38 mg/kg Boden dw
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
freshwater, 33.8 µg/L
seawater, 3.38 µg/L
sewage treatment plants (STP), 10 mg/L
sediment (freshwater), 446 µg/kg sediment dw
sediment (seawater), 44.6 µg/kg sediment dw
soil, 17.6 mg/kg soil dw

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025		Page 7 / 19
Version 12.0. Supersedes version: 11.0		
	oral (food), 833 µg/kg food	
	Reaction products of boric acid and lithium hydroxide	
	sewage treatment plants (STP), 44 mg/L (AF=10)	

### 8.2 Exposure controls

**Additional advice on system design** 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.

**Eye protection** If there is a risk of splashing:  
 Safety glasses. (EN 166:2001)

**Hand protection** The details concerned are recommendations. Please contact the glove supplier for further information.  
 > 0.4 mm Butyl rubber, >120 min (EN 374-1/-2/-3).

**Skin protection** not applicable

**Other** Avoid contact with eyes and skin.

**Respiratory protection** Breathing apparatus in the event of aerosol or mist formation.  
 Short term: filter apparatus, combination filter A-P1. (DIN EN 14387)

**Thermal hazards** not applicable

**Delimitation and monitoring of the environmental exposition** Comply with applicable environmental regulations limiting discharge to air, water and soil.

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 8 / 19

### SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	liquid
<b>Form</b>	pasty
<b>Color</b>	brown
<b>Odor</b>	characteristic
<b>Odour threshold</b>	not applicable
<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>	Combustible Not highly flammable.
<b>Lower explosion limit</b>	ca. 1 Vol.%
<b>Upper explosion limit</b>	ca. 10 Vol.%
<b>Oxidising properties</b>	no
<b>Vapour pressure/gas pressure [kPa]</b>	< 0.0005 (20°C, 68°F)
<b>Density [g/cm<sup>3</sup>]</b>	0,9 (15 °C / 59,0 °F)
<b>Relative density</b>	not determined
<b>Bulk density [kg/m<sup>3</sup>]</b>	not applicable
<b>Solubility in water [g/L]</b>	virtually insoluble
<b>Solubility other solvents</b>	No information available.
<b>Partition coefficient n-octanol/water (log value)</b>	> 6
<b>Kinematic viscosity</b>	not relevant
<b>Relative vapour density</b>	> 1
<b>Melting point [°C]</b>	No information available.
<b>Auto-ignition temperature [°C]</b>	> 320 (608°F)
<b>Decomposition temperature [°C]</b>	No information available.
<b>Particle characteristics</b>	No information available.

#### 9.2 Other information

Drop point: > 250 (482°F)

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 9 / 19

### 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 oxidizing agents.

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

#### 10.4 Conditions to avoid

Strong heating.

#### 10.5 Incompatible materials

Strong oxidizing agent.

#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025

Page 10 / 19

Version 12.0. Supersedes version: 11.0

### SECTION 11: Toxicological information

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

##### Acute oral toxicity

Product
LD50, oral, Rat, > 5000 mg/kg bw
Substance
Zinc naphthenate, CAS: 84418-50-8
LD50, oral, Rat, > 2000 mg/kg bw
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
LD50, oral, Rat, >5000 mg/kg bw
NOAEL, oral, Rat, 25 mg/kg bw/day
Reaction products of boric acid and lithium hydroxide
LD50, oral, Rat, 500 mg/kg

##### Acute dermal toxicity

Product
LD50, dermal, Rabbit, > 5000 mg/kg bw
Substance
Zinc naphthenate, CAS: 84418-50-8
LD50, dermal, Rat, > 2000 mg/kg bw
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
LD50, dermal, Rat, >2000 mg/kg bw

##### Acute inhalational toxicity

Product
inhalative, Based on the available information, the classification criteria are not fulfilled.
Substance
Zinc naphthenate, CAS: 84418-50-8
LC50, inhalative, Rat, > 0.42 mg/l/4h

##### Serious eye damage/irritation

Risk of serious damage to eyes.  
Based on the available information, the classification criteria are fulfilled.  
Toxicological data of complete product are not available.  
Calculation method

Substance
Zinc naphthenate, CAS: 84418-50-8
Eye, Rabbit, OECD 405, non-irritating

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025	Page 11 / 19
Version 12.0. Supersedes version: 11.0	

Reaction products of boric acid and lithium hydroxide
Eye, Causes serious eye damage.

**Skin corrosion/irritation** Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
Zinc naphthenate, CAS: 84418-50-8
dermal, Rabbit, OECD 404, non-irritating
Reaction products of boric acid and lithium hydroxide
dermal, non-irritating

**Respiratory or skin sensitisation** Non-sensitizing.  
Based on the available information, the classification criteria are not fulfilled.  
On basis of test data

Substance
Zinc naphthenate, CAS: 84418-50-8
dermal, Guinea pig, OECD 406, sensitising
Reaction products of boric acid and lithium hydroxide
dermal, non-sensitizing

**Specific target organ toxicity — single exposure** Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

**Specific target organ toxicity — repeated exposure** Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
Zinc naphthenate, CAS: 84418-50-8
NOAEL, oral, Rat, 50 mg/kg bw/day

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 12 / 19

### Mutagenicity

Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
Zinc naphthenate, CAS: 84418-50-8
InVitro, OECD 471, negativ
InVivo, OECD 474, negativ
Reaction products of boric acid and lithium hydroxide
in vitro, negativ

### Reproduction toxicity

No classification due to substance-specific concentration limits.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

### - Fertility

Substance
Zinc naphthenate, CAS: 84418-50-8
NOAEL, oral, Rat, 250 mg/kg bw/day
Reaction products of boric acid and lithium hydroxide
NOAEL, oral, Rat, 150 mg/kg bw/day

### - Development

Substance
Zinc naphthenate, CAS: 84418-50-8
NOAEL, oral, Rat, 188 mg/kg bw/day
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
NOAEL, parenteral, 75 mg/kg bw/d, OECD 422
Reaction products of boric acid and lithium hydroxide
NOAEL, oral, Rat, 50 mg/kg bw/day

### Carcinogenicity

Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

### Aspiration hazard

Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.

### General remarks

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 13 / 19

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.

### 11.2 Information on other hazards

**11.2.1 Endocrine disrupting properties** Contains no ingredients with endocrine-disrupting properties.

**11.2.2 Other information** none

## SECTION 12: Ecological information

### 12.1 Toxicity

Product
LL50, Fish, > 100 mg/L
LL50, Daphnia magna, > 100 mg/L
LL50, Algae, > 100 mg/L
Substance
Zinc naphthenate, CAS: 84418-50-8
LC50, (4d), Fish, 112 - 5620 µg/L
EC50, (48h), Invertebrates, 155 - 20 000 µg/L
EC50, (72h), Algae, 3,62 - 29,6 mg/L
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
LC50, (96h), Fish, 100 mg/L
EC50, (48h), Invertebrates, 51 mg/L
EC50, (72h), Invertebrates, 100 mg/L
EL10, (21d), Invertebrates, 1.69 mg/L
Reaction products of boric acid and lithium hydroxide
EC50, (72h), Algae, 100 mg/L

### 12.2 Persistence and degradability

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

**Behaviour in sewage plant** The product floats on the (waste) water.

**Biological degradability** The product is not readily biodegradable.

Substance
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
The product is not readily biodegradable.

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025 Page 14 / 19  
 Version 12.0. Supersedes version: 11.0

**12.3 Bioaccumulative potential**

Contains components with the potential to bioaccumulate.

**12.4 Mobility in soil**

Product is immobilized by adsorption to soil particles.

**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**

Contains no ingredients with endocrine-disrupting properties.

**12.7 Other adverse effects**

The product is insoluble in water.  
 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**

Disposal in an incineration plant in accordance with the regulations of the local authorities.  
 In according to RoHS!

**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 LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 15 / 19

### 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 LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 16 / 19

### 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 LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025 Version 12.0. Supersedes version: 11.0	Page 17 / 19
<b>SECTION 15: Regulatory information</b>	

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

<b>EEC-REGULATIONS</b>	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
<b>- Comment on component parts</b>	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
<b>- Annex XIV (REACH)</b>	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.
<b>- Annex XVII (REACH)</b>	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 subject to the following restrictions. 3
<b>TRANSPORT-NATIONAL REGULATIONS (UK):</b>	ADR (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2025) EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
<b>- Observe employment restrictions for people</b>	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
<b>- VOC (2010/75/CE)</b>	0 %

15.2 Chemical safety assessment  
not applicable

### SECTION 16: Other information

#### 16.1 Hazard statements (SECTION 3)

- H361f Suspected of damaging fertility.
- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.
  
- H361d Suspected of damaging the unborn child.
- H318 Causes serious eye damage.
- H302 Harmful if swallowed.

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 18 / 19

### 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** Eye Dam. 1: H318 Causes serious eye damage. (Calculation method)

# Arcanol LOAD150

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

Date printed 11.07.2025, Revision 28.04.2025  
Version 12.0. Supersedes version: 11.0

Page 19 / 19

**Modified position** 1.1, 2.1, 2.2, 3.2, 4.1, 4.2, 11.1, 16.3