

Arcanol LOAD1000

Safety Data Sheet (UK REACH) (UK)

Date printed 11.07.2025, Revision 26.03.2025
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Arcanol LOAD1000

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
E-mail 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

Address enquiries to

Technical information

info.uk@schaeffler.com

Safety Data Sheet

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]

No classification.

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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: Tolutriazol Derivate, N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine. 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 No particular hazards known.

SECTION 3: Composition / Information on ingredients

3.1 Substances not applicable

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3.2 Mixtures

The product is a mixture.

Range [%]	Substance
25 - < 50	Residual oils (petroleum), solvent-dewaxed (< 3% DMSO extract)
	CAS: 64742-62-7, EINECS/ELINCS: 265-166-0, Reg-No.: 01-2119480472-38-XXXX
	GHS/CLP: Asp. Tox. 1: H304
1 - < 5	Distillates (petroleum), hydrotreated heavy naphthenic
	CAS: 64742-52-5, EINECS/ELINCS: 265-155-0, EU-INDEX: 649-465-00-7, Reg-No.: 01-2119467170-45-XXXX
0,25 - < 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
0,1 - < 0,25	Tolutriazol Derivate
	CAS: 80584-90-3/80595-74-0, EINECS/ELINCS: 939-700-4, Reg-No.: 01-2119982395-25-XXXX
0 - < 0,1	GHS/CLP: Skin Irrit. 2: H315 - Skin Sens. 1B: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411, M-Factor (acute): 1
	N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine
	CAS: 91273-04-0, EINECS/ELINCS: 401-280-0, EU-INDEX: 613-072-00-9, Reg-No.: 01-2119930450-49-XXXX
	GHS/CLP: Skin Corr. 1B: H314 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Aquatic Chronic 1: H410

Comment on component parts

For full text of H-statements: see SECTION 16.
All chemical substances in this material are included on or exempted from listing on the ENCS Inventory.

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.
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. Rinse mouth.

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4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
Forward this sheet to your doctor.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing

Alcohol-resistant foam.
Dry powder.
Water spray jet.
Carbon dioxide.
Fire extinguishing method of surrounding areas must be considered.

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)
Sulphur oxides (SOx).

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Collect contaminated firefighting water separately, must not be discharged into the drains.
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.
Wear suitable protective equipment. For personal protection see SECTION 8.

6.2 Environmental precautions

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

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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.
Avoid contact with eyes and skin. Use personal protective equipment.

Wash hands before breaks and after work.
Use barrier skin cream.
Do not eat, drink or smoke when using this product.
Take off contaminated clothing and wash before reuse.

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.

7.3 Specific end use(s)

See product use, SECTION 1.2

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (UK)

Substance
Residual oils (petroleum), solvent-dewaxed (< 3% DMSO extract)
CAS: 64742-62-7, EINECS/ELINCS: 265-166-0, Reg-No.: 01-2119480472-38-XXXX
Long-term exposure: 5 mg/m ³ , oil mist, ACGIH

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

not relevant

DNEL

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
Industrial, inhalative, Long-term - local effects, 5,4 mg/m ³
Residual oils (petroleum), solvent-dewaxed (< 3% DMSO extract), CAS: 64742-62-7
Industrial, inhalative, Long-term - systemic effects, 2.73mg/m ³
Industrial, inhalative, Long-term - local effects, 5.58mg/m ³
Industrial, dermal, Long-term - systemic effects, 0.97mg/kg bw/day
general population, oral, Long-term - systemic effects, 0.74mg/kg bw/day
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
Industrial, inhalative, Long-term - systemic effects, 1,3 mg/m ³
Industrial, dermal, Long-term - systemic effects, 0,4 mg/kg
general population, inhalative, Long-term - systemic effects, 0,3 mg/m ³
general population, dermal, Long-term - systemic effects, 0,2 mg/kg
general population, oral, Long-term - systemic effects, 0,2 mg/kg
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
Industrial, inhalative, Long-term - systemic effects, 0,31 mg/m ³ (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 ³ (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)
N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine, CAS: 91273-04-0
Industrial, inhalative, Long-term - systemic effects, 1.76 mg/m ³
Industrial, dermal, Long-term - systemic effects, 0.5 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 0.43 mg/m ³
general population, dermal, Long-term - systemic effects, 0.25 mg/kg
general population, oral, Long-term - systemic effects, 0.25 mg/kg

PNEC

Substance

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	Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
	There are no PNEC values established for the substance.
	Residual oils (petroleum), solvent-dewaxed (< 3% DMSO extract), CAS: 64742-62-7
	oral (food), 9.33mg/kg food
	Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
	freshwater, 0,000976 mg/L
	seawater, 0,000098 mg/L
	sewage treatment plants (STP), 0,69 mg/L
	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
	oral (food), 833 µg/kg food
	N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine, CAS: 91273-04-0
	freshwater, 0.001 mg/L
	seawater, 0 mg/L
	sewage treatment plants (STP), 1 mg/L
	sediment (freshwater), 0.567 mg/kg sediment dw
	sediment (seawater), 0.057 mg/kg sediment dw
	soil, 0.2 mg/kg soil dw

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8.2 Exposure controls

Additional advice on system design Ensure adequate ventilation on workstation.

Eye protection Safety glasses. (EN 166:2001)

Hand protection The details concerned are recommendations. Please contact the glove supplier for further information.
In full contact:
> 1 mm; Nitrile rubber, >60 min (EN 374-1/-2/-3).

Skin protection Protective clothing (EN 340)

Other 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.

Respiratory protection Not required under normal conditions.
In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.

Thermal hazards none

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

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	pasty
Color	dark brown
Odor	like mineral oil
Odour threshold	No information available.
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point or initial boiling point and boiling range [°C]	No information available.
Flash point [°C]	No information available.
Flammability	Combustible
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/cm³]	ca. 0,93 (DIN 51757) (20 °C / 68,0 °F)
Relative density	No information available.
Bulk density [kg/m³]	not applicable
Solubility in water [g/L]	virtually insoluble
Solubility other solvents	No information available.
Partition coefficient n-octanol/water (log value)	not applicable
Kinematic viscosity	No information available.
Relative vapour density	No information available.
Melting point [°C]	No information available.
Auto-ignition temperature [°C]	No information available.
Decomposition temperature [°C]	No information available.
Particle characteristics	not relevant

9.2 Other information

Drop point: ca. 180°C/356°F

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactions with strong oxidizing agents and strong acids.

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10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents and strong acids.

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.

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SECTION 11: Toxicological information

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

Acute oral toxicity

Based on available data, the classification criteria are not met.

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
LD50, oral, Rat, > 5000 mg/kg, OECD 401
Residual oils (petroleum), solvent-dewaxed (< 3% DMSO extract), CAS: 64742-62-7
LD50, oral, Rat, > 5000 mg/kg
LOAEL, Intravenous, Rat, 125 mg/kg bw/day
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
LD50, oral, Rat, 3313 mg/kg (OECD 401)
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
N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine, CAS: 91273-04-0
LD50, oral, Rat, 2505 mg/kg bw (OECD 401)

Acute dermal toxicity

Based on available data, the classification criteria are not met.

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
LD50, dermal, Rabbit, > 2000 mg/kg, OECD 402
Residual oils (petroleum), solvent-dewaxed (< 3% DMSO extract), CAS: 64742-62-7
LD50, dermal, Rabbit, > 5000 mg/kg
NOAEC, dermal, Rat, 980 mg/m ³
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
LD50, dermal, Rat, > 2000 mg/kg (OECD 402)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
LD50, dermal, Rat, >2000 mg/kg bw
N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine, CAS: 91273-04-0
LD50, dermal, Rat, >2000 mg/kg bw (OECD 402)

Acute inhalational toxicity

Based on available data, the classification criteria are not met.

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
LC50, inhalativ (dust/mist), Rat, > 5,53 mg/l, OECD 403, 4h
Residual oils (petroleum), solvent-dewaxed (< 3% DMSO extract), CAS: 64742-62-7
LC50, inhalative, Rat, > 5 mg/l (4 h)

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Serious eye damage/irritation

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

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
Rabbit (eye), OECD 405, non-irritating
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
Eye, Rabbit, OECD 405, non-irritating

Skin corrosion/irritation

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

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
Rabbit, (API 1982), non-irritating
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
dermal, Rabbit, OECD 404, irritant

Respiratory or skin sensitisation

Toxicological data of complete product are not available.
May produce an allergic reaction.
Calculation method

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
dermal, Guinea pig, OECD 406, non-sensitizing
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
dermal, Guinea pig, OECD 406, sensitising

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
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
NOAEL, oral, Rat, 45 mg/kg bw/day, OECD 422, adverse effect observed

Mutagenicity

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

Substance
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0

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in vitro, OECD 476, negativ	

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

- Fertility

Substance
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
NOAEL, oral, Rat, 150 mg/kg bw/day, OECD 422, no adverse effect observed
NOAEL, oral, Rat, 45 mg/kg bw/day, OECD 422, adverse effect observed

- Development

Substance
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
NOAEL, oral, Rat, 150 mg/kg bw/day, OECD 422, no adverse effect observed
NOAEL, oral, Rat, 45 mg/kg bw/day, OECD 422, adverse effect observed
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, CAS: 68411-46-1
NOAEL, parenteral, 75 mg/kg bw/d, OECD 422

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

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

General remarks

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

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SECTION 12: Ecological information

Product

12.1 Toxicity

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

Ecological data of complete product are not available.

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
LC50, (96h), Fish, > 100 mg/l, OECD 203
EL50, (48h), Daphnia sp., > 10000 mg/l, OECD 202
NOEL, (72h), Algae, > 100 mg/l, OECD 201
Residual oils (petroleum), solvent-dewaxed (< 3% DMSO extract), CAS: 64742-62-7
EL50, (24h), Daphnia magna, >10,000 mg/L, OECD 202
LL50, (96h), Pimephales promelas, >100 mg/L, OECD 203
NOEL, (21d), Daphnia magna, 10 mg/L, OECD 211
NOEL, (72h), Algae, 100 mg/L, OECD 201
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
LC50, (96h), Brachidanio rerio, 1,3 mg/L (OECD 203)
EC50, (72h), Desmodesmus subspicatus, 0,976 mg/L (OECD 201)
EC50, (48h), Daphnia magna, 2,05 mg/L (OECD 202)
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
N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine, CAS: 91273-04-0
LC50, (96h), Danio rerio, 1.1 mg/L (OECD 203)
EC50, (72h), Desmodesmus subspicatus, >1 mg/L (OECD 201)
NOEC, (21d), Daphnia magna, 0.069 mg/L (OECD 211)
EC0, (24h), Daphnia magna, 2.5 mg/L (EU Method C.2)

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12.2 Persistence and degradability

No information available.

Behaviour in environment compartments No information available.

Behaviour in sewage plant No information available.

Biological degradability

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
Inherently biologically degradable
Tolutriazol Derivate, CAS: 80584-90-3/80595-74-0
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.
N,N-bis(2-ethylhexyl)-((1,2,4-triazol-1-yl)methyl)amine, CAS: 91273-04-0
The product is not readily biodegradable.

12.3 Bioaccumulative potential

No information available.

Substance
Distillates (petroleum), hydrotreated heavy naphthenic, CAS: 64742-52-5
BCF, < 500
log Pow, 2 - 6

12.4 Mobility in soil

not applicable

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

none

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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

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

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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

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

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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

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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)

- H410 Very toxic to aquatic life with long lasting effects.
- H318 Causes serious eye damage.
- H314 Causes severe skin burns and eye damage.
- H411 Toxic to aquatic life with long lasting effects.
- H400 Very toxic to aquatic life.
- H317 May cause an allergic skin reaction.
- H315 Causes skin irritation.
- H412 Harmful to aquatic life with long lasting effects.
- H361f Suspected of damaging fertility.

- H304 May be fatal if swallowed and enters airways.

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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

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