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

1.1 Product identifier

Clay Lube
UFI: 7DDN-X3MW-S206-164Y

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

1.2.1 Relevant uses

Car care

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

WAXOYL AG
Seewenweg 5
4153 Reinach / SWITZERLAND
Phone +41-61-28177 94
Fax +41-61-28177 85
Homepage www.waxoyl.com
E-mail info@waxoyl.ch

Address enquiries to

Technical information info@waxoyl.ch

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

SECTION 2: Hazards identification

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

Eye Irrit. 2: H319 Causes serious eye irritation.

2.2 Label elements

Hazard pictograms



Signal word WARNING

Hazard statements H319 Causes serious eye irritation.

Precautionary statements

P261 Avoid breathing vapours / spray.
P280 Wear 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.
P337+P313 If eye irritation persists: Get medical advice / attention.

Cleaner, 648/2004/CE, contains: perfumes LIMONENE

2.3 Other hazards

Human health dangers

Frequent persistent contact with the skin can cause skin irritation.
Contains no ingredients with endocrine-disrupting properties.

Environmental hazards Does not contain any PBT or vPvB substances.

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

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
5 - < 10	Propan-2-ol
	CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336
3 - < 5	2-Butoxyethanol
	CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0, Reg-No.: 01-2119475108-36-XXXX
	GHS/CLP: Acute Tox. 3: H331 - Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Irrit. 2: H319
0.1	Didecyldimethylammonium chloride
	CAS: 7173-51-5, EINECS/ELINCS: 230-525-2, EU-INDEX: 612-131-00-6, Reg-No.: 01-2119945987-15-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Skin Corr. 1B: H314 - Eye Dam. 1: H318 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411, M-Factor (acute): 10

Comment on component parts 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 Take off contaminated clothing and wash before reuse.

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

Skin contact When in contact with the skin, clean with soap and water.
Consult a doctor if skin irritation persists.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion Get medical advice.
Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media All extinguishing media are suitable but method must take into account the surrounding area to minimize dispersion.

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.
Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product.
Ensure adequate ventilation.
Keep away from all sources of ignition.

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).

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).
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

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

Keep away from all sources of ignition.

Use barrier skin cream.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.

Do not store together with food and animal food/diet.
Do not store together with acids and oxidizing agents.

Keep container tightly closed.
Keep container in a well-ventilated place.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Propan-2-ol
CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
Long-term exposure: 400 ppm, 999 mg/m³
Short-term exposure (15-minute): 500 ppm, 1250 mg/m³
2-Butoxyethanol
CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0, Reg-No.: 01-2119475108-36-XXXX
Long-term exposure: 25 ppm, 123 mg/m³, Sk, BMGV
Short-term exposure (15-minute): 50 ppm, 246 mg/m³

Ingredients with occupational exposure limits to be monitored (EU)

Substance / EC LIMIT VALUES
2-Butoxyethanol
CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0, Reg-No.: 01-2119475108-36-XXXX
Eight hours: 20 ppm, 98 mg/m³, H
Short-term (15-minute): 50 ppm, 246 mg/m³

DNEL

Substance
Propan-2-ol, CAS: 67-63-0
Industrial, inhalative, Long-term - systemic effects, 500 mg/m³
Industrial, inhalative, Acute - systemic effects, 1000 mg/m³
Industrial, dermal, Long-term - systemic effects, 888 mg/kg bw/day
general population, oral, Acute - systemic effects, 51 mg/kg bw/day
general population, oral, Long-term - systemic effects, 26 mg/kg
general population, dermal, Long-term - systemic effects, 319 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 89 mg/m³
general population, inhalative, Acute - systemic effects, 178 mg/m³
Didecyldimethylammonium chloride, CAS: 7173-51-5
There are no DNEL values established for the substance.
2-Butoxyethanol, CAS: 111-76-2
Industrial, inhalative (vapor), Long-term - systemic effects, 98 mg/m³
Industrial, inhalative (vapor), Acute - systemic effects, 1091 mg/m³
Industrial, inhalative (vapor), Acute - local effects, 246 mg/m³
general population, inhalative (vapor), Acute - local effects, 147 mg/m³
general population, oral, Acute - systemic effects, 26.7 mg/kg bw/day
general population, inhalative (vapor), Long-term - systemic effects, 59 mg/m³
general population, inhalative (vapor), Acute - systemic effects, 426 mg/m³
general population, oral, Long-term - systemic effects, 6.3 mg/kg bw/day

PNEC

Substance
Propan-2-ol, CAS: 67-63-0
There are no PNEC values established for the substance.

Didecyldimethylammonium chloride, CAS: 7173-51-5
soil, 1.4 mg/kg
sediment (seawater), 6.186 mg/kg sediment dw
sediment (freshwater), 61.86 mg/kg sediment dw
sewage treatment plants (STP), 0.14 mg/L
seawater, 0.11 µg/L
freshwater, 1.1 µg/L
2-Butoxyethanol, CAS: 111-76-2
soil, 2.33 mg/kg
sediment (seawater), 3.46 mg/kg
sediment (freshwater), 34.6 mg/kg
sewage treatment plants (STP), 463 mg/l
seawater, 0.88 mg/l
freshwater, 8.8 mg/l
oral (food), 0.02 g/kg

8.2 Exposure controls

Additional advice on system design
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.

Eye protection
Safety glasses. (EN 166:2001)

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

Skin protection
Protective clothing (EN 340)

Other
Avoid contact with eyes and skin.
Do not breathe vapour/spray.

Respiratory protection
In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.
Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)

Thermal hazards
none

Delimitation and monitoring of the environmental exposition
Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	liquid
Color	colourless opaque
Odor	characteristic
Odour threshold	not determined
pH-value	6 - 8
pH-value [1%]	not determined
Boiling point [°C]	80
Flash point [°C]	ca. 40 (no independent burn maintains)
Flammability	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm³]	ca. 1.0 (23°C / 73,4°F)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Solubility other solvents	not relevant
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	< 20 mPa.s (20°C)
Relative vapour density	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Auto-ignition temperature [°C]	not self-igniting
Decomposition temperature [°C]	not determined
Particle characteristics	not relevant

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents and strong acids.

10.4 Conditions to avoid

See SECTION 7

10.5 Incompatible materials

Strong oxidizing agent.
Strong acids.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute oral toxicity

Product
ATE-mix, oral, > 2000 mg/kg

Substance
Propan-2-ol, CAS: 67-63-0
LC50, oral, Rat, 5045 mg/kg (RTECS)
LD0, oral, Human, 3570 mg/kg (RTECS)
Didecyldimethylammonium chloride, CAS: 7173-51-5
LD50, Harmonised classification, 300 - < 2000 mg/kg
2-Butoxyethanol, CAS: 111-76-2
LD50, oral, Guinea pig, 1414 mg/kg
LD50, oral, Rat, 1746 mg/kg (OECD 401)
ATE, oral, 1200 mg/kg

Acute dermal toxicity

Product
ATE-mix, dermal, > 2000 mg/kg

Substance
Propan-2-ol, CAS: 67-63-0
LD50, dermal, Rabbit, 12800 mg/kg (RTECS)
Didecyldimethylammonium chloride, CAS: 7173-51-5
LD50, dermal, Rabbit, 3342 mg/kg
2-Butoxyethanol, CAS: 111-76-2
LD50, dermal, Guinea pig, > 2000 mg/kg (OECD 402)

Acute inhalational toxicity

Product
ATE-mix, inhalation (vapour), > 20 mg/l 4h

Substance
Propan-2-ol, CAS: 67-63-0
LC50, inhalative, Rat, 72.6 mg/l/4h (RTECS)
2-Butoxyethanol, CAS: 111-76-2
LC0, inhalation (vapour), > 3.1 mg/l/1h
ATE, inhalation (vapour), 3 mg/L

Serious eye damage/irritation Irritant
Based on the available information, the classification criteria are fulfilled.
Toxicological data of complete product are not available.
Calculation method

Substance
Propan-2-ol, CAS: 67-63-0
Eye, Rabbit, irritant
Didecyldimethylammonium chloride, CAS: 7173-51-5

Eye, Causes serious eye damage.
2-Butoxyethanol, CAS: 111-76-2
Study, irritant

Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Propan-2-ol, CAS: 67-63-0
dermal, Rabbit, non-irritating
Didecyldimethylammonium chloride, CAS: 7173-51-5
dermal, corrosive
2-Butoxyethanol, CAS: 111-76-2
Study, irritant

Respiratory or skin sensitisation

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
Propan-2-ol, CAS: 67-63-0
dermal, Guinea pig, OECD 406, non-sensitizing
Didecyldimethylammonium chloride, CAS: 7173-51-5
dermal, non-sensitizing
2-Butoxyethanol, CAS: 111-76-2
dermal, Guinea pig, OECD 406, negativ

Specific target organ toxicity — single exposure

Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Propan-2-ol, CAS: 67-63-0
inhalative, adverse effect observed
2-Butoxyethanol, CAS: 111-76-2
inhalative, non-irritating

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
Propan-2-ol, CAS: 67-63-0
NOAEC, inhalative, Rat, 12500 mg/m³, OECD 451, negativ
Didecyldimethylammonium chloride, CAS: 7173-51-5
NOAEL, oral, Dog, 10 mg/kg bw/day (chronic), The effects observed are not sufficient for classification.
2-Butoxyethanol, CAS: 111-76-2
LOAEL, oral, Rat, 69 mg/kg bw/day, Study, negativ
LOAEC, inhalative, Rat, 152 mg/m³, Study, negativ

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
Propan-2-ol, CAS: 67-63-0
in vivo, negativ

in vitro, negativ
Didecyldimethylammonium chloride, CAS: 7173-51-5
in vivo, negativ
in vitro, negativ

Reproduction toxicity

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.

- Fertility

Substance
Didecyldimethylammonium chloride, CAS: 7173-51-5
NOAEL, oral, Rat, 800 µg/kg bw/day (subacute), no adverse effect observed, Effect on developmental toxicity,
NOAEL, oral, Rat, 30 mg/kg bw/day (subacute), no adverse effect observed, Effect on fertility,
2-Butoxyethanol, CAS: 111-76-2
NOAEL, oral, Rat, 720 mg/kg bw/day, Study, negativ

- Development

Substance
Propan-2-ol, CAS: 67-63-0
oral, Rat, 596 mg/kg bw/day, OECD 414, no adverse effect observed
Didecyldimethylammonium chloride, CAS: 7173-51-5
NOAEL, oral, Rat, 800 µg/kg bw/day (subacute), no adverse effect observed, Effect on developmental toxicity,
NOAEL, oral, Rat, 30 mg/kg bw/day (subacute), no adverse effect observed, Effect on fertility,
2-Butoxyethanol, CAS: 111-76-2
NOAEL, oral, Rat, 720 mg/kg bw/day, Study, negativ

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.

Substance
Propan-2-ol, CAS: 67-63-0
NOAEC, inhalative, Rat, 12 290 mg/m³, OECD 451, negativ
Didecyldimethylammonium chloride, CAS: 7173-51-5
NOAEL, oral, Rat, 55.4 mg/kg bw/day (chronic), no adverse effect observed
2-Butoxyethanol, CAS: 111-76-2
NOAEC, inhalative, Rat, 125 mg/m³, Study, negativ

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

none

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

11.2.2 Other information

SECTION 12: Ecological information

12.1 Toxicity

Substance
Propan-2-ol, CAS: 67-63-0
LC50, (96h), Lepomis macrochirus, 1400 mg/l (ECOTOX-Database)
EC50, (48h), Daphnia magna, > 13000 mg/l (IUCLID)
IC50, (72h), Scenedesmus quadricauda (algea), > 1000 mg/l (IUCLID)
Didecyldimethylammonium chloride, CAS: 7173-51-5
EC50, (72h), Algae, 62 µg/L
EC50, (48h), Invertebrates, 29 - 57 µg/L
NOEC, (72h), Algae, 13 µg/L
NOEC, (21d), Invertebrates, 21 µg/L
LOEC, (21d), Invertebrates, 47 µg/L
2-Butoxyethanol, CAS: 111-76-2
LC50, (96h), Oncorhynchus mykiss, 1474 mg/l (OECD 203)
EC50, (72h), Pseudokirchneriella subcapitata, 1840 mg/l (OECD 201)
EC50, (48h), Daphnia magna, 1550 mg/l (OECD 202)
EC0, (16h), Pseudomonas putida, 700 mg/l (DIN 38412)
NOEL, (21d), Daphnia magna, 100 mg/l (OECD 211)
NOEL, (21d), Brachidanio rerio, > 100 mg/l

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

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

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.
For recycling, consult manufacturer.

Waste no. (recommended) 200129*
070601*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances

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

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

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EC 2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
- Annex XIV (REACH)	According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances ≥ 0.1% that are subject to authorisation.
- Annex XVII (REACH)	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances ≥ 0.1% that are restricted.
TRANSPORT-REGULATIONS	ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	CH + EU: 11 % (109 g/L)

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H411 Toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.
H318 Causes serious eye damage.
H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.
H302 Harmful if swallowed.
H331 Toxic if inhaled.
H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapour.

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 Irrit. 2: H319 Causes serious eye irritation. (Calculation method)

Modified position none

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