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

1.1 Product identifier

Tar Remover

Registration number 01-2119486291-36-XXXX
IUPAC Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
EINECS/ELINCS 926-605-8

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

1.2.1 Relevant uses

Brake Cleaner

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company
Waxoyl GmbH
Hermann-Albertz-Str. 17-23
46045 Oberhausen / GERMANY
Phone +49 (0)208 410 221
E-mail info@waxoyl.ch

Manufacturer
Waxoyl AG
Mühlemattstrasse 24
4104 Oberwil / SWITZERLAND
Phone +41 61 281 77 94
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 +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Flam. Liq. 2: H225 Highly flammable liquid and vapour.
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.
STOT SE 3: H336 May cause drowsiness or dizziness.
Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

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

Hazard pictograms



Signal word DANGER

Contains: Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane EINECS: 926-605-8

Hazard statements
H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor.
P312 Call a POISON CENTER / doctor if you feel unwell.
P331 Do NOT induce vomiting.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/national regulation.

Special labelling EUH066 Repeated exposure may cause skin dryness or cracking.

Cleaner, 648/2004/CE, contains:
>=30% aliphatic hydrocarbons
< 5% aromatic hydrocarbons

2.3 Other hazards

Physico-chemical hazards
Vapours may form explosive mixture with air.
Vapour is heavier than air and can travel considerable distance to a source ignition and flashback.

Human health hazards Contains no ingredients with endocrine-disrupting properties.

Environmental hazards Does not contain any PBT or vPvB substances.

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

SECTION 3: Composition / Information on ingredients

3.1 Substances

The product is a substance.

Range [%]	Substance
50 - 100	Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
	EINECS/ELINCS: 926-605-8, Reg-No.: 01-2119486291-36-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Aquatic Chronic 2: H411 - Asp. Tox. 1: H304 - STOT SE 3: H336 - - EUH066
< 1	Toluene
	CAS: 108-88-3, EINECS/ELINCS: 203-625-9, EU-INDEX: 601-021-00-3, Reg-No.: 01-2119471310-51-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Asp. Tox. 1: H304 - Skin Irrit. 2: H315 - STOT SE 3: H336 - Repr. 2: H361d - STOT RE 2: H373
< 1	n-Hexane
	CAS: 110-54-3, EINECS/ELINCS: 203-777-6, EU-INDEX: 601-037-00-0
	GHS/CLP: Flam. Liq. 2: H225 - Repr. 2: H361f - Asp. Tox. 1: H304 - Skin Irrit. 2: H315 - STOT SE 3: H336 - Aquatic Chronic 2: H411 - STOT RE 1: H372
< 0,01	Benzene
	CAS: 71-43-2, EINECS/ELINCS: 200-753-7, EU-INDEX: 601-020-00-8
	GHS/CLP: Flam. Liq. 2: H225 - Carc. 1A: H350 - Muta. 1B: H340 - STOT RE 1: H372 - Asp. Tox. 1: H304 - Eye Irrit. 2: H319 - Skin Irrit. 2: H315

Comment on component parts
For full text of H-statements: see SECTION 16.
Mineral oil containing mixture. Mineral oil with < 3% DMSO extract, as measured by IP 346.

3.2 Mixtures

not applicable

SECTION 4: First aid measures

4.1 Description of first aid measures

General information
Take off contaminated clothing and wash before reuse.

Inhalation
Remove person to fresh air and keep comfortable for breathing.
Seek medical advice immediately.

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
Consult a doctor immediately.
Do not induce vomiting.
Rinse mouth.
Beware of vomiting. Risk of aspiration.

4.2 Most important symptoms and effects, both acute and delayed

Headache
Drowsiness
Vertigo
Irritant effects
Nausea, vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in the event of vomiting, risk of product entering the lungs.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

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

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)
Carbon dioxide (CO2)
Forms explosive mixtures with air at elevated temperatures. Avoid shock and friction.

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
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

Keep away from all sources of ignition.
High risk of slipping due to leakage/spillage of product.
Ensure adequate ventilation.
Use personal protective equipment (protective gloves, safety glasses, protective clothing).

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

6.3 Methods and material for containment and cleaning up

Take up 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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Provide suitable vacuuming at the processing area.
Use only in well-ventilated areas.
Use solvent-resistant equipment.

Keep away from all sources of ignition - Refrain from smoking.
Take precautionary measures against static discharges.
Vapours can form an explosive mixture with air.
Ignitable mixtures can be formed in the empty container.
Use explosion-proofed equipment/fittings and non-sparkling tools.
Risk of explosion if the liquid enters the drains.

Do not eat, drink, smoke or snuff while working.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.
Keep only in original container.
Prevent penetration into the ground.

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

Keep container tightly closed.
Keep container in a well-ventilated place.
Protect from heat/overheating.
Protect from sun.
Storage: 5 - 35 °C

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 EU (2004/37/EG)

Substance / EC LIMIT VALUES
Toluene
CAS: 108-88-3, EINECS/ELINCS: 203-625-9, EU-INDEX: 601-021-00-3, Reg-No.: 01-2119471310-51-XXXX
Eight hours: 50 ppm, 192 mg/m³, H
Short-term (15-minute): 100 ppm, 384 mg/m³
n-Hexane
CAS: 110-54-3, EINECS/ELINCS: 203-777-6, EU-INDEX: 601-037-00-0
Eight hours: 20 ppm, 72 mg/m³
Benzene
CAS: 71-43-2, EINECS/ELINCS: 200-753-7, EU-INDEX: 601-020-00-8
Eight hours: 0,2 ppm, 0,66 mg/m³

DNEL

Substance
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
Industrial, inhalative, Long-term - systemic effects, 5306 mg/m³
Industrial, dermal, Long-term - systemic effects, 13964 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 1131 mg/m³
general population, dermal, Long-term - systemic effects, 1377 mg/kg bw/day
general population, oral, Long-term - systemic effects, 1301 mg/kg bw/day
Toluene, CAS: 108-88-3
Industrial, inhalative, Acute - systemic effects, 384 mg/m³
Industrial, inhalative, Acute - local effects, 384 mg/m³
Industrial, inhalative, Long-term - systemic effects, 192 mg/m³
Industrial, inhalative, Long-term - local effects, 192 mg/m³
Industrial, dermal, Long-term - systemic effects, 384 mg/kg bw/day
general population, inhalative, Acute - local effects, 226 mg/m³
general population, dermal, Long-term - systemic effects, 226 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 56,5 mg/m³
general population, oral, Long-term - systemic effects, 8,13 mg/kg bw/day
general population, inhalative, Acute - systemic effects, 226 mg/m³

PNEC

Substance
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
There are no PNEC values established for the substance.
Toluene, CAS: 108-88-3
soil, 2,89 mg/kg
seawater, 0,68 mg/L
freshwater, 0,68 mg/L
sediment (seawater), 16,39 mg/kg
sediment (freshwater), 16,39 mg/kg
sewage treatment plants (STP), 13,61 mg/L

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. General exposure limit for oil mist should be noted.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	0,55 mm Nitrile rubber, >480 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 inhale gases/vapours/aerosols. 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.
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
Odor	like mineral oil
Odour threshold	not relevant
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point or initial boiling point and boiling range [°C]	55 - 98
Flash point [°C]	< 0
Flammability	Highly flammable liquid and vapour.
Lower explosion limit	1,2 Vol.%
Upper explosion limit	8,3 Vol.%
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	10 - 20
Density [g/cm³]	0,67 - 0,8 (ASTM D 1298)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water [g/L]	virtually insoluble 0,0137 g/L (25 °C)
Solubility other solvents	No information available.
Partition coefficient n-octanol/water (log value)	log Kow = 3,6
Kinematic viscosity	0,5 - 1,4 mm²/s (20°C)
Relative vapour density	not determined
Melting point [°C]	not determined < - 20
Auto-ignition temperature [°C]	> 200
Decomposition temperature [°C]	not determined > 400
Particle characteristics	not applicable

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
Reactions with strong oxidizing agents.
Uncleaned empty vessels may contain product gases which can form explosive mixtures with air.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

Oxidizing agent

10.6 Hazardous decomposition products

Smoke
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, Rat, > 5000 mg/kg

Substance
Benzene, CAS: 71-43-2
LD50, oral, Rat, > 2000 mg/kg bw
n-Hexane, CAS: 110-54-3
LD50, oral, Rat, 16000 mg/kg, OECD 401
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
LD50, oral, Rat, >5000 mg/kg bw
Toluene, CAS: 108-88-3
LD50, oral, Rat, 5580 mg/kg

Acute dermal toxicity

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

Substance
Benzene, CAS: 71-43-2
LD50, dermal, Rabbit, 8260 mg/kg bw
n-Hexane, CAS: 110-54-3
LD50, dermal, Rabbit, > 2000 mg/kg
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
LD50, dermal, Rabbit, >2000 mg/kg bw
Toluene, CAS: 108-88-3
LD50, dermal, Rabbit, > 5000 mg/kg

Acute inhalational toxicity

Product
ATE-mix, inhalativ (dust/mist), Rat, > 5,2 mg/L

Substance
Benzene, CAS: 71-43-2
LC50, inhalative, Rat, 43767 mg/m³
n-Hexane, CAS: 110-54-3
LC50, inhalation (vapour), Rat, 17,6 mg/L, 4h
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
LC50, inhalative, Rat, 73860 ppm (4h)
Toluene, CAS: 108-88-3
LC50, inhalative, Rat, 25,7 mg/L, OECD 403, 4h

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

Substance
n-Hexane, CAS: 110-54-3
Rabbit (eye), OECD 405, non-irritating
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
Eye, Rabbit, non-irritating
Toluene, CAS: 108-88-3
Eye, Rabbit, OECD 405, non-irritating

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

Substance
n-Hexane, CAS: 110-54-3
Rabbit, OECD 404, 24h, irritant
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
dermal, Rabbit, non-irritating
Toluene, CAS: 108-88-3
dermal, Rabbit, Study, irritant

Respiratory or skin sensitisation Based on the available information, the classification criteria are not fulfilled.

Substance
n-Hexane, CAS: 110-54-3
dermal, mouse, OECD 429, negative
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
dermal, non-sensitizing
Toluene, CAS: 108-88-3
No information available.

Specific target organ toxicity — single exposure Vapours may cause drowsiness and dizziness.
Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
n-Hexane, CAS: 110-54-3
Harmonised classification: STOT SE 3 H336
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
inhalative, adverse effect observed
Toluene, CAS: 108-88-3
positive

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are not fulfilled.

Substance
n-Hexane, CAS: 110-54-3
Harmonised classification: STOT RE 1 H372
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
LOAEC, inhalative, Rat, 10 504 mg/m³, negative
Toluene, CAS: 108-88-3
positive

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

Substance
n-Hexane, CAS: 110-54-3
OECD 471, 475, 476, 478, negative
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
OECD 471, negative
Toluene, CAS: 108-88-3
mouse, Ames-test, negative

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

- Fertility

Substance
n-Hexane, CAS: 110-54-3
Harmonised classification: Repr. 2 H361f
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane

NOAEC, inhalative, Rat, 31680 mg/m³, negative
Toluene, CAS: 108-88-3
inhalative, Rat, Study, positive

- Development

Substance
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
NOAEC, inhalative, Rat, 31680 mg/m³, negative
Toluene, CAS: 108-88-3
inhalative, Rat, Study, positive

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

Substance
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
NOAEC, inhalative, Rat, 31680 mg/m³, negative

Aspiration hazard May be fatal if swallowed and enters airways.
Based on the available information, the classification criteria are fulfilled.
On basis of test data

General remarks

Toxicological data of complete product are not available.

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

Based on the available information, the classification criteria are fulfilled.

Substance
Benzene, CAS: 71-43-2
LC50, (4d), Fish, 5,3 mg/L
LC50, (48h), Invertebrates, 65,089 mg/L
EC50, (72h), Algae, 100 mg/L
n-Hexane, CAS: 110-54-3
LC50, (96h), Pimephales promelas, 2,5 mg/l (ECOTOX)
EC50, (48h), Daphnia magna, 2,1 mg/l (Lit)
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
EL50, (48h), Daphnia magna, 17,06 mg/L
Toluene, CAS: 108-88-3
LC50, (96h), Oncorhynchus mykiss, 5,8 mg/L (ECOTOX- Database)
EC50, (48h), Daphnia magna, 6 mg/L
EC50, (24h), Pseudokirchneriella subcapitata, 10,00 mg/L

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant not determined

Biological degradability Biodegradable.

Substance
n-Hexane, CAS: 110-54-3
(28d), 98 %, OECD 301 F, The product is readily biodegradable.
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
Biological degradability:, The product is readily biodegradable.
Toluene, CAS: 108-88-3
86 %, 20d, The product is readily biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation is potentially possible.

Substance
Toluene, CAS: 108-88-3
BCF, 90

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 contents/container in accordance with local/national regulation.
For recycling, consult manufacturer.
Do not empty into drains.

Waste no. (recommended) 070104*

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	1300
Inland navigation (ADN)	1300
Marine transport in accordance with IMDG	1300
Air transport in accordance with IATA	1300

14.2 UN proper shipping name

Transport by land according to ADR/RID	Turpentine substitute
- Classification Code	F1
- Label	
- ADR LQ	1 l
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 2 (D/E)
Inland navigation (ADN)	Turpentine substitute
- Classification Code	F1
- Label	
Marine transport in accordance with IMDG	Turpentine substitute
- EMS	F-E, S-E
- Label	
- IMDG LQ	1 l
Air transport in accordance with IATA	Turpentine substitute
- Label	
- IATA LQ	1 L

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	3 (N)
Inland navigation (ADN)	3 (N)
Marine transport in accordance with IMDG	3
Air transport in accordance with IATA	3

14.4 Packing group

Transport by land according to ADR/RID	II
Inland navigation (ADN)	II
Marine transport in accordance with IMDG	II
Air transport in accordance with IATA	II

14.5 Environmental hazards

Transport by land according to ADR/RID	yes
Inland navigation (ADN)	yes
Marine transport in accordance with IMDG	MARINE POLLUTANT
Air transport in accordance with IATA	yes

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/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	SVHC (Candidate List of Substances of Very High Concern for authorisation) ≥ 0.1% CAS 110-54-3 - n-Hexane
- 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 contains ≥ 0.1% of substances with the following restrictions. 40, 48, 75
TRANSPORT-REGULATIONS	ADR (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2026, 67th Edition)
NATIONAL REGULATIONS (EU):	
- 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)	100 % (695 g/L)

15.2 Chemical safety assessment

For this substance a chemical safety assessment has been carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H319 Causes serious eye irritation.
H340 May cause genetic defects.
H350 May cause cancer.
H372 Causes damage to organs through prolonged or repeated exposure.
H361f Suspected of damaging fertility.

H373 May cause damage to organs through prolonged or repeated exposure.
H361d Suspected of damaging the unborn child.
H315 Causes skin irritation.
EUH066 Repeated exposure may cause skin dryness or cracking.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
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

This document does not comply with Regulation (EC) No 1907/2006, article 31 (5) and may be used for internal purposes only.

Classification procedure
Flam. Liq. 2: H225 Highly flammable liquid and vapour. (On basis of test data)
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (On basis of test data)
STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)
Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects. (Calculation method)

Modified position
none

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