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

1.1 Product identifier

Orange Solvent Liquid
Article number: 554102
UFI: U4KG-9KUS-A10V-TYEF

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

1.2.1 Relevant uses

Cleaning agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Hager & Werken GmbH & Co. KG
Ackerstr. 1
47269 Duisburg / GERMANY
Phone +49(0)203-99269-0
Fax +49 (0)203 29 92 83
Homepage www.hagerwerken.de
E-mail info@hagerwerken.de

Address enquiries to

Technical information info@hagerwerken.de

Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +49 (0) 551-19240 Giftinformationszentrum-Nord

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.
Eye Irrit. 2: H319 Causes serious eye irritation.
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms


Signal word DANGER

Hazard statements

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H412 Harmful 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.
P280 Wear eye 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.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/national regulation.

Special labelling

Contains: 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Eucalyptol, 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde, 2-Methylundecanal. EUH208 May produce an allergic reaction.

Cleaner, 648/2004/CE, contains: fragrances

2.3 Other hazards

Environmental hazards Does not contain any PBT or vPvB substances.
Contains no ingredients with endocrine-disrupting properties.

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
70 - <100	Ethanol
	CAS: 64-17-5, EINECS/ELINCS: 200-578-6, EU-INDEX: 603-002-00-5, Reg-No.: 01-2119457610-43-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319
	SCL [%]: >= 50: Eye Irrit. 2: H319
<0,25	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
	CAS: 54464-57-2, EINECS/ELINCS: 259-174-3, Reg-No.: 01-2119489989-04-XXXX
	GHS/CLP: Skin Irrit. 2: H315 - Skin Sens. 1B: H317 - Aquatic Chronic 1: H410 - Aquatic Acute 1: H400, M-Factor (acute): 1, M-Factor (chronic): 1
<0,25	Eucalyptol
	CAS: 470-82-6, EINECS/ELINCS: 207-431-5, Reg-No.: 01-2119967772-24-XXXX
	GHS/CLP: Flam. Liq. 3: H226 - Skin Sens. 1B: H317
<0,25	3-methyldodecanonitrile
	CAS: 85351-07-1, EINECS/ELINCS: 286-729-7
	GHS/CLP: Aquatic Acute 1: H400 - Aquatic Chronic 1: H410
<0,25	2-Methylundecanal
	CAS: 110-41-8, EINECS/ELINCS: 203-765-0, Reg-No.: 01-2119969443-29-XXXX
	GHS/CLP: Skin Irrit. 2: H315 - Skin Sens. 1B: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M-Factor (acute): 1
<0,25	2,4-Dimethylcyclohex-3-ene-1-carbaldehyde
	CAS: 68039-49-6, EINECS/ELINCS: 268-264-1, Reg-No.: 01-2119982384-28-XXXX
	GHS/CLP: Skin Sens. 1: H317 - Aquatic Chronic 3: H412 - Skin Irrit. 2: H315

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 Seek medical advice immediately.
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

Drowsiness
Vertigo
Nausea, vomiting.
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

Carbon dioxide.
Water spray jet.
Dry powder.
Alcohol-resistant 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, carbon monoxide (CO), not combusted hydrocarbons

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

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

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. general-purpose binder).
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.

Vapours can form an explosive mixture with air.
Keep away from all sources of ignition - Refrain from smoking.
Take precautionary measures against static discharges.
Ignitable mixtures can be formed in the empty container.

Do not eat, drink, smoke or take drugs at work.
Wash hands before breaks and after work.
Use barrier skin cream.
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 oxidizing agents.

Keep container in a well-ventilated place.
Keep container tightly closed.
Protect from heat/overheating and from sun.
Keep in a cool 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
Ethanol
CAS: 64-17-5, EINECS/ELINCS: 200-578-6, EU-INDEX: 603-002-00-5, Reg-No.: 01-2119457610-43-XXXX
Long-term exposure: 1000 ppm, 1920 mg/m³

DNEL

Substance
Ethanol, CAS: 64-17-5
Industrial, inhalative (vapor), Acute - local effects, 1900 mg/m³
Industrial, dermal, Long-term - systemic effects, 343 mg/kg bw/d
Industrial, inhalative (vapor), Long-term - systemic effects, 950 mg/m³
general population, inhalative (vapor), Acute - local effects, 950 mg/m³
general population, dermal, Long-term - systemic effects, 206 mg/kg bw/d
general population, inhalative (vapor), Long-term - systemic effects, 114 mg/m³
general population, oral, Long-term - systemic effects, 87 mg/kg bw/d
2-Methylundecanal, CAS: 110-41-8
Industrial, inhalative, Long-term - systemic effects, 25,2 mg/m³
Industrial, dermal, Long-term - systemic effects, 7 mg/kg bw/d
Industrial, dermal, Long-term - local effects, 1.67 mg/cm²
general population, inhalative, Long-term - systemic effects, 3,1 mg/m³
general population, inhalative, Long-term - systemic effects, 3,5 mg/kg bw/d
general population, oral, Long-term - systemic effects, 3,5 mg/kg bw/d
Eucalyptol, CAS: 470-82-6
Industrial, dermal, Long-term - systemic effects, 2 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 7,05 mg/m³
general population, oral, Long-term - systemic effects, 600 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 1,74 mg/m³
general population, dermal, Long-term - systemic effects, 1 mg/kg bw/day
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, CAS: 54464-57-2
Industrial, inhalative, Long-term - systemic effects, 30 mg/m³
Industrial, dermal, Long-term - systemic effects, 28,7 mg/kg bw/day
Industrial, dermal, Long-term - local effects, 648 µg/cm²
general population, inhalative, Long-term - systemic effects, 9 mg/m³
general population, dermal, Long-term - systemic effects, 17,2 mg/kg bw/day
general population, dermal, Long-term - local effects, 380 µg/cm²
general population, oral, Long-term - systemic effects, 3 mg/kg bw/day

PNEC

Substance
Ethanol, CAS: 64-17-5
soil, 0,63 mg/kg
sewage treatment plants (STP), 580 mg/l
sediment (seawater), 2,9 mg/kg
oral (food), 0,38 g/kg

freshwater, 0,96 mg/l
seawater, 0,79 mg/l
sediment (freshwater), 3,6 mg/kg
2-Methylundecanal, CAS: 110-41-8
seawater, 0,00018 mg/l
sediment (freshwater), 0,072 mg/kg sediment dw
sediment (seawater), 0,0072 mg/kg sediment dw
soil, 0,0143 mg/kg soil dw
oral (food), 313 mg/kg food
freshwater, 0,00018 mg/l
Eucalyptol, CAS: 470-82-6
seawater, 5,7 µg/L
sewage treatment plants (STP), 10 mg/L
sediment (freshwater), 1,425 mg/kg
sediment (seawater), 0,142 mg/kg
soil, 0,25 mg/kg soil dw
oral (food), 40 mg/kg
freshwater, 57 µg/L
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, CAS: 54464-57-2
oral (food), 26,7 mg/kg food
freshwater, 4,4 µg/L
seawater, 0,44 µg/L
sewage treatment plants (STP), 10 mg/L
sediment (freshwater), 3,73 mg/kg sediment dw
sediment (seawater), 0,75 mg/kg sediment dw
soil, 2,7 mg/kg soil dw

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
In full contact:
0,7 mm Butyl 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, filter A. (DIN EN 14387)

Thermal hazards
not applicable

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
Color	colourless
Odor	characteristic
Odour threshold	not determined
pH-value	ca. 7
pH-value [1%]	not determined
Boiling point [°C]	not determined
Flash point [°C]	not determined
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not applicable
Density [g/cm³]	0,79 - 0,81
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	not determined
Relative vapour density	not applicable
Evaporation speed	not applicable
Melting point [°C]	not determined
Auto-ignition temperature	not determined
Decomposition temperature [°C]	not applicable
Particle characteristics	No information available.

9.2 Other information

Refractive index: 1,372 - 1,382

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.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

Oxidizing agent

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Substance
Ethanol, CAS: 64-17-5
LD50, oral, Rat, 10470 mg/kg (OECD 401)
2-Methylundecanal, CAS: 110-41-8
LD50, oral, Rat, > 5000 mg/kg bw
NOAEL, oral, Rat, 200 mg/kg bw/d
NOAEL, oral, Rat, 20000 ppm
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde, CAS: 68039-49-6
LD50, oral, Rat, >2000 mg/kg bw (Lit.)

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

Substance
Ethanol, CAS: 64-17-5
LD50, dermal, Rabbit, > 2000 mg/kg (OECD 402)
2-Methylundecanal, CAS: 110-41-8
LD50, dermal, Rabbit, > 10 ml/kg bw

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

Substance
Ethanol, CAS: 64-17-5
LC50, inhalative, Rat, 117-125 mg/l/4h (OECD 403)

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Substance
Ethanol, CAS: 64-17-5
Eye, Rabbit, OECD 405, irritant

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Substance
Ethanol, CAS: 64-17-5
dermal, Rabbit, OECD 404, non-irritating

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
May cause an allergic skin reaction.

Substance
Ethanol, CAS: 64-17-5
dermal, Guinea pig, OECD 406, non-sensitizing

Specific target organ toxicity — single exposure Based on available data, the classification criteria are not met.

Substance
Ethanol, CAS: 64-17-5
inhalative, Rat (male), NOAL >20 mg/l, OECD 403
NOAEL, oral, Rat (female), 1730 mg/kg/d, OECD 408, 90d

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

Substance
Ethanol, CAS: 64-17-5
NOAEL, oral, Rat, 1730 mg/kg bw/day, negativ
Eucalyptol, CAS: 470-82-6
NOAEL, oral, Rat, 600 mg/kg bw/day, OECD 407

Mutagenicity Does not contain a relevant substance that meets the classification criteria.

Substance
Ethanol, CAS: 64-17-5
mouse, OECD 476, negativ
OECD 471, negativ
Ames-test, negativ

Reproduction toxicity Does not contain a relevant substance that meets the classification criteria.

Substance
Ethanol, CAS: 64-17-5
NOAEL, oral, mouse, 13800 mg/kg bw/day, OECD 416, negativ

Carcinogenicity Does not contain a relevant substance that meets the classification criteria.

Substance
Ethanol, CAS: 64-17-5
NOAEL, oral, Rat, > 3000 mg/kg bw/day, negativ

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

General remarks

Toxicological data of complete product are not available.
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. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 12: Ecological information

12.1 Toxicity

Substance
Ethanol, CAS: 64-17-5
LC50, (48h), Daphnia magna, 12340 mg/l
LC50, (96h), Oncorhynchus mykiss, 13000 mg/l (OECD 203)
EC50, (72h), Algae, 275 mg/l (OECD 201)
EC50, (48h), Selenastrum capricornutum, 12900 mg/l (OECD 201)
2-Methylundecanal, CAS: 110-41-8
LC50, (48h), Oncorhynchus mykiss, > 0,46 mg/l
LC50, (24h), Oncorhynchus mykiss, > 0,46 mg/l
LC50, (96h), Oncorhynchus mykiss, 0,35 mg/l
LC50, (72h), Oncorhynchus mykiss, 0,35 mg/l
EC50, (48h), Daphnia magna, 0,21 mg/l
EC50, (72h), Pseudokirchneriella subcapitata, 0,11 mg/l
NOEC, (96h), Oncorhynchus mykiss, 0,11 mg/l
NOEC, (48h), Daphnia magna, 0,053 mg/l
NOEC, (72h), Pseudokirchneriella subcapitata, 0,057 mg/l
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde, CAS: 68039-49-6
LC50, (96h), fish, >3 mg/L (Lit.)
EC50, (72h), Algae, >6 mg/L (Lit.)
EC50, (48h), Crustacea, >1,5 mg/L (Lit.)
Eucalyptol, CAS: 470-82-6
LC50, (96h), fish, 57 mg/L
EC50, (72h), Algae, 74 mg/L
EC50, (48h), Invertebrates, 100 mg/L

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant Contain no organic complexing agents, which do not reach a DOC-elimination grade in appendix 49 after 28d of at least 80% (in accordance to no. 406 of the plant "analysis and measuring procedure").
AOX-advice: No dangerous components.

Biological degradability not determined

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

Ecological data of complete product are not available.
The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

Product

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

Waste no. (recommended) 200129*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

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	1170
Inland navigation (ADN)	1170
Marine transport in accordance with IMDG	1170
Air transport in accordance with IATA	1170

14.2 UN proper shipping name

Transport by land according to ADR/RID	Ethanol solution
- 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)	Ethanol solution
- Classification Code	F1
- Label	
Marine transport in accordance with IMDG	Ethanol solution
- EMS	F-E, S-D
- Label	
- IMDG LQ	1 l
Air transport in accordance with IATA	Ethanol solution
- Label	

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	3
Inland navigation (ADN)	3
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	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

No information available.

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
TRANSPORT-REGULATIONS	ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011).
- Observe employment restrictions for people	Observe employment restrictions for young people.
- VOC (2010/75/CE)	73 %

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H226 Flammable liquid and vapour.
H410 Very toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.
H315 Causes skin irritation.
H412 Harmful to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.

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

Flam. Liq. 2: H225 Highly flammable liquid and vapour. (On basis of test data)
Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

Modified position

none