

Safety data sheet
 according to (EC) 1907/2006 (REACH)

created: 13.02.2017

version 2 (English)

1) Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

· **Sauna essential oil set (Mint^a, Orange^b, Lemon Balm^b, Pine^d, Eucalyptus^e)**

1.2. Relevant identified uses of the mixture and uses advised against

· Relevant identified uses of the mixture

Sauna infusion concentrate

· Uses advised against

Wash and cleansing agents, food, fodder, cosmetics, medical device, pharmaceutical

1.3. Details of the supplier of the safety data sheet

· Manufacturer/Supplier

A. Baur Pharma GmbH & Co. KG

Bouchéstraße 12

12435 Berlin

telephone: 030 290278930

telefax: 030 290278931

e-mail: info@baur-pharma.de

1.4. Emergency telephone number

· Emergency information

Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie

Spandauer Damm 130

14050 Berlin

telephone: 030 19240 (in case of emergency, 24h accessibility)

030 30686711 (general questions, only at working hours)

telefax: 030 30686721

2) Hazards identification

2.1. Classification of the mixture

· Classification according to Regulation (EC) No. 1272/2008 (CLP)



GHS02

Flammable Liquid 2

H225: Highly flammable liquid and vapour. ^{a/b/c/d/e}



GHS05

Eye Damage 1

H318: Causes serious eye damage. ^e



GHS07

Skin Irritation 2

H315: Causes skin irritation. ^{a/b/d/e}

Skin Sensitization 1

H317: May cause an allergic skin reaction. ^{a/b/c/d/e}



GHS08

Aspiration Toxic 1

H304: May be fatal if swallowed and enters airways. ^{b/c/d}

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GHS09

Aquatic acute 1

H400: Very toxic to aquatic life. ^{b/d}

Aquatic chronic 1

H410: Very toxic to aquatic life with long lasting effects. ^{a/c/e}

Aquatic chronic 2

H411: Toxic to aquatic life with long lasting effects. ^{b/d}

• Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

2.2. Label elements

• Labelling according to Regulation (EC) No 1272/2008

• Hazard pictograms



GHS 02 GHS 05 GHS 07 GHS 08 GHS 09

• Signal word

Danger

• Hazard statements

H225: Highly flammable liquid and vapour. a/b/c/d/e

H318: Causes serious eye damage.e

H315: Causes skin irritation. a/b/d/e

H317: May cause an allergic skin reaction. a/b/c/d/e

H304: May be fatal if swallowed and enters airways.b/c/d

H400: Very toxic to aquatic life. b/d

H410: Very toxic to aquatic life with long lasting effects. a /c/e

H411: Toxic to aquatic life with long lasting effects. b/d

• Sicherheitshinweise

P102: Keep out of reach of children. a/b/c/d/e

P103: Read label before use. a/b/c/d/e

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. a/b/c/d/e

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. b/c/d

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. a

P501 Dispose of contents/container to local regulations. a/b/c/d/e

• Other hazards

• Results of PBT and vPvB assessment

• PBT

Not applicable.

• vPvB

Not applicable.

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3) Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

- Description

Mixture consisting of the following components with harmless additives (GHS).

- Dangerous components:

CAS-No.:	Ethanol ^{a/b/c/d/e}	22,1 - 74,9 % (w/w)
64-17-5 ; EG-No.:	H225 Flammable Liquid 2 200-578-6	
CAS-No.:	2216-51- Mint oil ^a	20,0 - 70,0 % (w/w)
5; EINECS-No.:	H315 Skin Irritation 2; H317 Skin Sensitization 1; H411 Aquatic chronic 2 290-058-5	
CAS-No.:	8028-48- Orange oil ^b	20,0 - 70,0 % (w/w)
6; EINECS-No.:	H226 Flammable Liquid 3; H304 Aspiration Toxic 1; H315 Skin Irritation 2; 232-433-8 H317 Skin Sensitization 1; H400 Aquatic acute 1; H410 Aquatic chronic 1	
CAS-No.:	8000-29- Perfume oil Lemon Balm ^c	20,0 - 70,0 % (w/w)
1; EINECS-No.:	H315 Skin Irritation 2; H317 Skin Sensitization; H318 Eye Damage 1; H411 289-753-6 Aquatic chronic 2	
	Perfume oil Pine ^d	20,0 - 70,0 % (w/w)
	H226 Flammable Liquid 3; H304 Aspiration Toxic 1; H315 Skin Irritation 2; H317 Skin Sensitization 1; H400 Aquatic acute 1; H410 Aquatic chronic 1	
CAS-No.:	84625- Eucalyptus oil ^e	20,0 - 70,0 % (w/w)
32-1; EINECS-No.:	H226 Flammable Liquid 3; H304 Aspiration Toxic ; H317 Skin Sensitization 283-406-2 1; H411 Aquatic chronic 2	
CAS-No.:	Camphor ^{a/b/c/d/e}	0,1-2,9 % (w/w)
21368-68-3; EG-	H228 Flammable Solid 1; H315 Skin Irritation 2; H319 Eye Irritation 2; H335 No.: 244-350-4 STOT Single Exposure 3	

For the wording of the listed risk phrases refer to section 16.

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4) First aid measures

4.1. Description of first aid measures

• General information

Personal protection for the First Aider.

Remove contaminated clothing.

• After inhalation

Take affected persons into the open air and position comfortably.

Supply fresh air. If required, provide artificial respiration

If unconscious, place in recovery position and seek medical advice.

• After skin contact

Remove contaminated clothing.

Protective hand cream recommended.

P302+P352: If on skin: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

• After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

• After swallowing

Rinse out mouth and then drink (two glasses at the most) water.

Do not induce vomiting.

Consult doctor if feeling unwell.

Turn a vomiting person on the side if lying on the back.

If vomiting occurs, the head should be kept low.

• Information for doctor The toxicological properties of this material have not been fully investigated.

Detailed instructions in the GESTIS substance database.

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

Allergic reactions

Severe damage to eyes, skin and mucous membrane irritation.

After inhalation of aerosols or vapours: Irritation of the respiratory tract.

After swallowing of large amounts: gastrointestinal complaints.

After absorption of large quantities: headache, dizziness, noise-like anesthetic states, anesthesia.

• Danger

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

Irritant effect on eyes (risk for serious eye damage), skin and mucous membranes.

Irritation of the respiratory tract.

After contact with skin allergic symptoms possible.

Defatting agent on skin.

After uptake of large quantities:

CNS disorders.

Narcotic effect.

Respiratory paralysis.

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

Elemental assistance.

Decontamination.

Treat symptomatically and supportively.

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5) Firefighting measures

5.1. Extinguishing media

· Suitable extinguishing agents

CO₂, extinguishing powder or water fog. Fight larger fires with water fog or alcohol-resistant foam.

· For safety reasons unsuitable extinguishing agents

Water with a full water jet.

5.2. Special hazards arising from the substance or mixture

Formation of poisonous gases during heating or in fires.

Can be released in case of fire:

Carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

· Protective equipment:

Wear self-contained breathing apparatus.

Wear full protective suit.

· Additional information

Collect contaminated fire fighting water separately. It must not enter drains.

Cool endangered containers with water spray jet.

Heating causes a rise in pressure, risk of bursting.

Container explosion may occur under fire conditions.

Fire Class B: liquid or liquefying substances (DIN EN 2)

6) Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Use breathing protection against the effects of fumes/dust/aerosol.

Ensure adequate ventilation

Bring persons out of danger.

Keep ignition sources away.

Observe slip danger.

6.2. Environmental precautions:

Do not allow to enter sewage systems, water bodies, groundwater or soil.

Inform respective authorities in case large quantities of the product reach water, sewage system or soil.

P273: Avoid release to the environment.

6.3. Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Clean up affected area.

May be recycled or disposed in appropriate containers.

Wash away remainder with plenty of water.

Dispose of contaminated material as waste according to item 13.

6.4. Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

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7) Handling and storage

7.1. Precautions for safe handling

Use only in a mixture with cold water.

P233: Keep containers tightly closed.

Prevent formation of aerosols.

Ensure good ventilation/exhaustion at the workplace.

Provide good room ventilation even at ground level (vapours are heavier than air).

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures:

Keep away from foodstuffs, beverages and feedingstuff.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while working.

P264: Wash body parts thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace.

P362: Take off contaminated clothing and wash before reuse.

Information about protection against explosions and fires:

Substance/ product is flammable.

Fumes can combine with air to form an explosive mixture.

Fire fighting equipment must be provided.

Protect from heat.

Keep ignition sources away - Do not smoke.

Temperature class (VDE 0165): T3

Maximum surface temperature of the equipment: 200 ° C

Ignition temperature of the flammable materials: > 200 ° C

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical / ventilating / lighting systems.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

7.2. Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers:

Store in original container if possible.

Store away from oxidizing agents.

Provide solvent resistant, sealed floor.

Keep out of the sauna area.

P403+P235: Store in a well ventilated place. Keep cool.

Information about storage in one common storage facility:

Store away from foodstuffs.

Do not store together with materials/products which can form dangerous chemical reactions.

See point 10: stability and reactivity.

Further information about storage conditions:

Store in cool, dry conditions in well closed containers.

Protect from heat and direct sunlight.

Store container in a well ventilated position.

Keep out of the reach of children.

Recommended storage temperature:

+ 15°C - + 25°C

Warehouse class (according to Technical Rule 510)

3: Flammable liquids

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EEC: R 11
Regulation (EC) No 1272/2008 (CLP): H225
Dangerous Goods: Class 3
Technical instructions (air)
Highly flammable

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7.3. Specific end use(s)

No further relevant information available.

8) Exposure controls/personal protection

8.1. Control parameters

.Components with critical values that require monitoring at the workplace:

Ethanol^{a/b/c/d/e} (CAS-No. : 64-17-5; EG-No.: 200-578-6)
AGW (Germany) 960 mg/m³, 500 ml/m³
2(II);DFG, Y

Camphor^{a/b/c/d/e} (CAS-No. : 21368-68-3; EG-No.: 244-350-4)
MAK (Germany) 13 mg/m³, 2 ml/m³
TRGS 900

Additional information:

The lists that were valid during the compilation were used as basis.

8.2. Exposure controls

- Personal protective equipment

- P280: Wear protective gloves / protective clothing / eye protection / face protection.

- General protective measures:

The usual precautionary measures should be adhered to in handling the chemicals.

- Breathing equipment:

When used in closed systems or adequate ventilation, no respiratory protection is required.

Required when vapours, aerosol or mist are generated.



In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Filter A brown, org. Gases and vapours with boiling point > 65 ° C

Wearing protective note (BGR 190)

The rules for the use of respiratory protection is given to BGR 190.

.Protection of hands:



Chemical-protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Check protective gloves prior to each use for their proper condition.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Preventive skin protection by use of skin-protecting agents is recommended.

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.Material of gloves

Full contact:

eg Nitrile rubber, NBR

Recommended thickness of the material: $\geq 0,4$ mm

eg Fluorocarbon rubber (Viton)

Recommended thickness of the material: $\geq 0,7$ mm

Splash contact:

eg Nitrile rubber, NBR

Recommended thickness of the material: $\geq 0,11$ mm

eg Butyl rubber, BR

Recommended thickness of the material: $\geq 0,7$ mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

ASK THE MANUFACTURER FOR SUITABLE MATERIAL.

Penetration time of glove material

Full contact.

Permeation time: > 480 min (8h) EN 374

Splash contact:

Permeation time: >30 - <60 min (1h)

The times given are approximate. Elevated temperatures by heated substances, body heat etc. and a reduction of the layer thickness due to stretching can lead to a reduction in the penetration time.

Doubled at a 1.5-fold larger / smaller layer thickness / halved the respective penetration time.

The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.

Not suitable are gloves made of the materials

Gloves made of natural rubber (latex).

Strong material gloves.

Leather gloves.

Eye protection:



Safety glasses with side protection.

Body protection:

Body protection must be chosen depending on concentration and quantity or work center. The resistance of the protective equipment should be inquired at the respective supplier.

Solvent resistant protective clothing.

Antistatic clothing.

Flame retardant protective clothing.

Apron and boots or suitable chemical protective suit.

9) Physical and chemical properties

9.1. Information on basic physical and chemical properties

.Appearance:

Form:

Liquid

Colour

clear to lightly cloudy, colourless to yellowish

.Odor

characteristic

.Odor threshold:

No data available

.Change in condition

Melting point/Melting range:

-114 °C (Ethanol)

Boiling point/Boiling range:

78 °C (Ethanol)

.Flash point:

> 14 °C

.Ignition temperature:

> 200 °C

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<i>-Decomposition temperature:</i>	No data available
Danger of explosion:	The product is not explosive, but in combination of explosive vapour-/air mixture.
<i>Critical values for explosion:</i>	
<i>Lower</i>	No data available
<i>Upper</i>	No data available
<i>.Temperature class</i>	T3
<i>.Steam pressure at 20°C</i>	58 hPA
<i>.Vapour desity (air=1)</i>	No data available
<i>.Density at 20 °C</i>	< 1 g/cm ³
<i>.Evaporation rate</i>	No data available
<i>.Solubiity in / Miscibility in water</i>	Completely miscible
<i>.Distribution coefficient (n-Octanol/Water):</i>	No data available
<i>.Viskosity:</i>	
<i>.dynamic</i>	No data available
<i>.kinematic</i>	No data available
9.2.Other information	No further relevant information available.

10) Stability and reactivity

10.1. Reactivity

See section 10.4 till 10.6.
The product has not been tested for its reactivity.

10.2. Chemical stability

No decomposition if used and stored according to specifications.
To avoid thermal decomposition do not overheat.
Flames, sparks, electrostatic charges should be avoided.

10.3. Possibility of hazardous reactions

Formation of explosive vapour / gas mixtures with air.
Reactions with alkali metals.
Reactions with alkaline earth metals.
Reacts with strong oxidizing agents.
Reactions with halogen-halogen compounds.
Reactions with chromium trioxide.
Reactions with hydrogen peroxide.
Reactions with nitric acid.
Reactions with phosphorus oxides (P_xO_y).
Reactions with perchloric acid.
Reactions with permanganates.
Reactions with sulfuric acid.
Reactions with perchlorates.
Reactions with fluorine.
Maximum surface temperature of the equipment: 200 ° C
Reacts with strong oxidizing agents.

10.4. Conditions to avoid

See Section 7.
Heating, open flame, ignition sources, static electricity.

10.5. Incompatible materials:

See Section 10.3.

10.6. Hazardous decomposition products:

Flammable fumes
During a fire, carbon monoxide (CO) and carbon dioxide (CO₂) can be released.

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11) Toxicological information

11.1. Information on toxicological effects

. Acute toxicity

. Relevant for classification LD / LC values

Ethanol^{a/b/c/d/e} (CAS-No. : 64-17-5; EG-No.: 200-578-6)
 Oral LD50 7692 mg/kg (rat) (OECD 425 / ECHA)
 Dermal LD0 > 15800 mg/kg (rabbit) (ECHA)
 Inhalation LC50/4h > 95,6 mg/l (rat) (RTECS)

Mint oil^a (CAS-No.: 68917-18-0; EINECS-No.: 290-058-5)

Oral LD50 1240 mg/kg (rat)
 Oral LD50 1240 mg/kg (rat)
 Dermal LD50 > 5000 mg/kg (rabbit)

Orange oil^b (CAS-No.: 8028-48-6; EINECS-No.: 232-433-8)

Oral LD50 > 5700 mg/kg (rat)
 Dermal LD50 > 2000 mg/kg (rabbit)
 LD50 > 5000 mg/kg (rat)

Perfume oil Lemon Balm^c (CAS-No.: 8000-29-1; EINECS-No.: 289-753-6)

No data available.

Perfume oil Pine^d

No data available.

Eucalyptus oil^e (CAS-No.: 84625-32-1; EINECS-No.: 283-406-2)

No data available.

Camphor^{a/b/c/d/e} (CAS-No.: 21368-68-3; EG-No.: 244-350-4)

Oral LD50 > 5000 mg/kg (rat) (Lit.)

Primary irritant effect

On the Skin:

Irritant to skin and mucous membranes.

Frequent or prolonged contact may defat the skin and dry out, leading to skin irritation and inflammation (dermatitis).

. On the eyes:

Severely irritating to the eye.

. Sensitization:

Results from bioassays are not available.

Sensitizing effect by skin contact is possible by prolonged exposure.

. Subacute to chronic toxicity:

Bacterial mutagenicity: Ames test: negative (ethanol / OECD 471 / ECHA).

Mutagenicity (mammal cell test): negative ethanol (in vitro) (OECD 476 / ECHA)

No further relevant information available.

Additional toxicological information

Irritating

May cause sensitization by skin contact.

Inhalation of concentrated vapours as well as oral intake will lead to anesthesia-like conditions and Headache, dizziness, etc.

Further hazardous properties can not be excluded.

The substance / product should be handled with the care usual when dealing with chemicals.

12) Ecological information

12.1. Toxicity

. Akute toxicity:

Ethanol^{a/b/c/d/e} (CAS-No. : 64-17-5; EG-No.: 200-578-6)

EC5 16h: 6500 mg/l (toxicity to bacteria.: (Pseudomonas putida)) (IUCLID)
 72h: 65 mg/l (protozoa: (Entosiphon sulcatum)) (Lit.)

EC50 72h: 275 mg/l (toxicity to algae.: (Chlorella vulgaris)) (ECHA)
 48h: 12340 mg/l (toxicity to daphnia.: (Daphnia magna)) (ASTM E729-80 / ECHA)

IC5 7d: 5000 mg/l (toxicity to algae.: (Scenedesmus quadricauda)) (Lit.)

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LC50 96h: 15300 mg/l (toxicity to fish.:(*Pimephales promelas*)) (ECHA)
48h: 8140 mg/l (toxicity to fish.:(*Leuciscus idus*)) (IUCRID)

Mint oil^a (CAS-No.: 68917-18-0; EINECS-No.: 290-058-5)^a

No data available.

Orange oil^b (CAS-No.: 8028-48-6; EINECS-No.: 232-433-8)^b

No data available.

Perfume oil Lemon Balm^c (CAS-No.: 8000-29-1; EINECS-No.: 289-753-6)^c

No data available.

Perfume oil Pine^d

No data available.

Eucalyptus oil^e (CAS-No. : 84625-32-1; EINECS-No.: 283-406-2)^e

No data available.

Camphor^{a/b/c/d/e} (CAS-No. : 21368-68-3; EG-No.: 244-350-4)

LC50 96h: 35 mg/l (FISHTOX.:(*Brachydanio rerio*)) (Lit.)

chronical

No data available.

Terrestrial toxicity

No data available.

Aquatic toxicity

The mixture has a harmful effect on aquatic organisms (see section 2.1.)

12.2. Behaviour in environmental systems:

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Additional ecological information:

Toxic on aquatic organisms.

12.6. Additional ecological information:

AOX-Indication

The product does not contribute to the AOX value of the waste water. (DIN EN ISO 9562)

The product contains the following heavy metals and compounds under this EG regulation No. 2006/11/EG

The product does not contain heavy metals in relevant concentrations.

General notes:

Harmful effect on aquatic organisms

Do not allow product to reach ground water, water bodies, sewage system or soil.

Water hazard class 1 (Self-assessment): slightly hazardous for water

12.7. Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

12.8. Other adverse effects

No further relevant information available.

13) Disposal considerations

13.1. Waste treatment methods

. Conditions to avoid:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

. European waste catalogue:

A waste code in accordance with the European Waste Catalogue (EWC) may not be assigned to this product since it admits of a classification only when the consumer uses it for some purpose. In special agreement with the regional waste disposal authority the waste code must be made.

. Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

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EAK: 15 01 10 Packaging containing residues of or contaminated by dangerous or Substances are contaminated.

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14) Transport information

14.1. UN-Number

.ADR, IMDG, IATA

UN1170

14.2. UN proper shipping name

.ADR

1170 ETHANOL, SOLUTION (ETHYLALCOHOL, SOLUTION)

.IMDG

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

.IATA

ETHANOL SOLUTION

14.3. Transport hazard class(es)

.ADR



.Class

3 (F1) Flammable liquid Substances

.Risklabel

3

.IMDG. IATA



Class

3 Flammable liquids.

.Label

3

14.4. Packing group

ADR, IMDG, IATA

II

14.5. Ecological hazards

Not applicable.

14.6. Special precautions for user

Caution: flammable liquid substances

·Kemler-Number

33

·EMS-Number

F-E, S-D

14.7. Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code

Not applicable.

.Transport/Additional information:

ADR

limited amount (LQ)

1L

Transport category

2

Tunnel restriction code

D/E

UN „Model Regulation“

UN1170, ETHANOL, SOLUTION
 (ETHYLALCOHOL, SOLUTION), 3, II

15) Regulatory information

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

.National regulations

.Information about limitation of use:

Employment restrictions concerning young persons according to (94/33/EG) receives attention.

.Chemical safety assessment:

Schedule I - No.: 7b

Highly flammable liquids

Quantity threshold for establishments according to § 1

- Set 1: 5.000.000 kg

- Set 2: 50.000.000 kg

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. Classification according to Regulation (BetrSichV)

Highly flammable

. Class share in%

Chapter 5.2.5 Organic substances, excluding organic particle matter (see 5.2.1)

The following parameters in the exhaust gas must not be exceeded:

Mass flow: 0.50 kg / h or mass concentration: 50 mg / m³ respectively given as S-value according to Annex 7, Table 22: 0.1

Water hazard class

Water hazard class 1 (Self-assessment): slightly hazardous for water.

(Self - 17.05.99)

Status classification: Classification according to Schedule 4

15.2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16) Other information

These statements solely describe the safety demands of the product and base according to the best of our belief on our today's knowledge. They, however, do not represent any assurance towards properties of the product within the sense of liability, resp. guaranty regulations and thus are given without any obligation.

. Relevant phrases

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H228 Flammable solid.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes heavy damage to eyes.

H319 Causes heavy eye irritation.

H335 May cause irritation to the airways.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic, with long lasting effects.

. Training advice

Instructions on hazards and protective measures at hand with the operating instructions (Technical Rule 555).

Instruction must be done before employment and at least annually thereafter.

Abbreviations and Acronyms

a) Sauna essential oil Mint

b) Sauna essential oil Orange

c) Sauna essential oil Lemon Balm

d) Sauna essential oil Pine

e) Sauna essential oil Eucalyptus

International Carriage of Dangerous Goods by Road)

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Lit.: Literatur

vPvP: very persistent, very bioaccumulative

PBT: persistent, bioaccumulative, toxic

CAS: Chemical Abstracts Service