

Safety Data Sheet

according to Regulation (EC) No 1907/2006

VELIND Terpentinersatz / White Spirit

Revision date: 10.06.2021

Product code: 21232

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

1.1. Product identifier

VELIND Terpentinersatz / White Spirit

Further trade names

White Spirit

UFI: SVSV-F1N2-A008-JR3F

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

Use of the substance/mixture

Solvents, Washing and cleaning products

Uses advised against

No information available. Use(Usage) exclusively according to labelled intended purpose!

1.3. Details of the supplier of the safety data sheet

| | | |
|-------------------------|-------------------------|-----------------------------------|
| Company name: | VELIND Aerosol GmbH | |
| Street: | Passower Chaussee 111 | |
| Place: | D-16303 Schwedt/O | |
| Telephone: | +49 33 32 / 4 50 88 - 0 | Telefax: +49 33 32 / 4 50 88 - 30 |
| e-mail: | info@velind.de | |
| Contact person: | Wallbaum | Telephone: 11 |
| e-mail: | qs@velind.de | |
| Internet: | www.velind.de | |
| Responsible Department: | QS | |

1.4. Emergency telephone number: GGIZ der Länder Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt und Thüringen: +49 3 61 / 7 30 73 -0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 3

Aspiration hazard: Asp. Tox. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

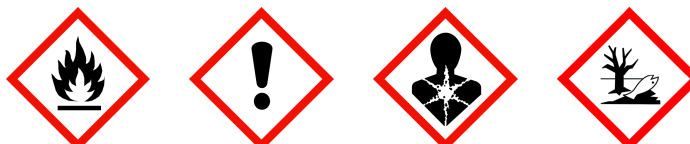
Hazard components for labelling

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, < 2% Aromaten

Signal word: Danger

Pictograms:



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Hazard statements

| | |
|------|--|
| H226 | 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

| | |
|-----------|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/doctor. |
| P331 | Do NOT induce vomiting. |
| P501 | Dispose of the Contents/container of waste according to with local/national regulations applicable legislation. |

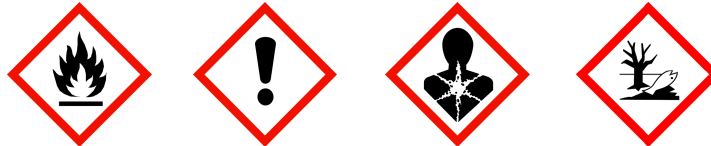
Special labelling of certain mixtures

| | |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|---|

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:



Hazard statements

H304-H336

Precautionary statements

P101-P102-P301+P310-P331-P501

2.3. Other hazards

In use, may form flammable/explosive vapour-air mixture. Inhalation causes narcotic effects/intoxication.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | Quantity |
|------------|---|-------------|
| | EC No | |
| | Index No | |
| | REACH No | |
| | GHS Classification | |
| 64742-47-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 60 - < 65 % |
| | 265-149-8 | |
| | 649-422-00-2 | |
| | 01-2119480153-44 | |
| | Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H336 H304 H411 EUH066 | |
| 64742-48-9 | Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, < 2% Aromaten | 45 - < 50 % |
| | 265-150-3 | |
| | 01-2119463258-33 | |
| | Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066 | |
| 111-76-2 | 2-butoxyethanol | 5 - < 10 % |
| | 203-905-0 | |
| | 603-014-00-0 | |
| | 01-2119475108-36 | |
| | Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H332 H312 H302 H315 H319 | |

Full text of H and EUH statements: see section 16.

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Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|------------|-----------|---|-------------|
| | | Specific Conc. Limits, M-factors and ATE | |
| 64742-47-8 | 265-149-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 60 - < 65 % |
| | | inhalation: LC50 = >2000 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg | |
| 64742-48-9 | 265-150-3 | Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, < 2% Aromaten | 45 - < 50 % |
| | | inhalation: LC50 = >5 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg | |
| 111-76-2 | 203-905-0 | 2-butoxyethanol | 5 - < 10 % |
| | | inhalation: LC50 = >3,1 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >1400 mg/kg | |

Labelling for contents according to Regulation (EC) No 648/2004

>= 30 % aliphatic hydrocarbons.

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

Remove contaminated, saturated clothing immediately. First aider: Pay attention to self-protection! Move victim out of danger zone.

After inhalation

Provide fresh air. Move victim out of danger zone. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a physician immediately.

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

The following symptoms may occur::

Intoxication. unconsciousness. Headache. drowsiness. vomiting. Dizziness.

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

Treat symptomatically. This information is not available.

SECTION 5: Firefighting measures
5.1. Extinguishing media
Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Vapours are heavier than air and will spread at floor level. Beware of reignition. Special exposure hazards arising from the substance itself, combustion products, resulting gases: Carbon monoxide Carbon dioxide.

5.3. Advice for firefighters

Special protective equipment for firefighters In case of fire: Wear self-contained breathing apparatus.

Additional information

Move undamaged containers from immediate hazard area if it can be done safely. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately.

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Do not allow entering drains or surface water. Remove according to the regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Provide adequate ventilation. Wear personal protection equipment. Keep away from sources of ignition - No smoking.

6.2. Environmental precautions

Provide fresh air. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Other information

Ventilate affected area. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

When using do not eat, drink, smoke, sniff. Keep out of the reach of children. Read label before use. Observe in addition any national regulations!

Advice on protection against fire and explosion

Protect from sunlight. Store in a well-ventilated place. Keep only in the original container in a cool, well-ventilated place.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place. Maximum storage temperature: 50°C Further information concerning storage conditions: The floor should be leak tight, jointless and not absorbent. Ensure adequate ventilation of the storage area.

Hints on joint storage

Keep away from: Oxidizing agents. strong alkalis. Strong acid.

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Further information on storage conditions

Fire class: B

7.3. Specific end use(s)

Solvents, Washing and cleaning products

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|----------|-----------------|-----|-------------------|-----------|---------------|--------|
| 111-76-2 | 2-Butoxyethanol | 25 | 123 | | TWA (8 h) | WEL |
| | | 50 | 246 | | STEL (15 min) | WEL |

Biological Monitoring Guidance Values (EH40)

| CAS No | Substance | Parameter | Value | Test material | Sampling time |
|----------|-----------------|--------------------------------|--------------|---------------|---------------|
| 111-76-2 | 2-Butoxyethanol | butoxyacetic acid (creatinine) | 240 mmol/mol | urine | Post shift |

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DNEL/DMEL values

| CAS No | Substance | | |
|--------------------------|---|----------|-----------------------|
| DNEL type | Exposure route | Effect | Value |
| 64742-47-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | |
| Worker DNEL, long-term | inhalation | systemic | 871 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | 77 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | systemic | 185 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | 46 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | 46 mg/kg bw/day |
| 64742-48-9 | Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, < 2% Aromaten | | |
| Worker DNEL, long-term | dermal | systemic | 208 mg/kg bw/day |
| Worker DNEL, long-term | inhalation | systemic | 871 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | 125 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | systemic | 185 mg/m ³ |
| Consumer DNEL, long-term | oral | systemic | 125 mg/kg bw/day |
| 111-76-2 | 2-butoxyethanol | | |
| Worker DNEL, long-term | inhalation | systemic | 98 mg/m ³ |
| Worker DNEL, acute | inhalation | systemic | 663 mg/m ³ |
| Worker DNEL, acute | inhalation | local | 246 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | 75 mg/kg bw/day |
| Worker DNEL, acute | dermal | systemic | 89 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | systemic | 49 mg/m ³ |
| Consumer DNEL, acute | inhalation | systemic | 426 mg/m ³ |
| Consumer DNEL, acute | inhalation | local | 123 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | 38 mg/kg bw/day |
| Consumer DNEL, acute | dermal | systemic | 44,5 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | 3,2 mg/kg bw/day |
| Consumer DNEL, acute | oral | systemic | 13,4 mg/kg bw/day |

PNEC values

| CAS No | Substance | |
|---------------------------|-----------------|--|
| Environmental compartment | Value | |
| 111-76-2 | 2-butoxyethanol | |
| Freshwater | 8,8 mg/l | |
| Marine water | 0,88 mg/l | |
| Freshwater sediment | 34,6 mg/kg | |
| Marine sediment | 3,46 mg/kg | |
| Soil | 2,8 mg/kg | |

Additional advice on limit values

Take precautionary measures against static discharges.

8.2. Exposure controls

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Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. Exposure controls / Personal protection equipment

Protective and hygiene measures

When using do not eat, drink, smoke, sniff. Personal protection equipment. Contaminated work clothing should not be allowed out of the workplace. Technical ventilation of workplace.

Eye/face protection

With correct and proper use, and under normal conditions, not required.
Recommendation: Wear eye/face protection.

Hand protection

Tested protective gloves are to be worn: The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: NBR (Nitrile rubber). Butyl rubber. Observe Glove plan!

Thickness of glove material: 0,7mm

Breakthrough times and swelling properties of the material must be taken into consideration.

Protect skin by using skin protective cream. Observe skin protection programme.

Apply skin care products after work.

Skin protection

With correct and proper use, and under normal conditions, not required.
Wear personal protection equipment.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at: exceeding exposure limit values. Filtering device (full mask or mouthpiece) with filter: A-P2

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|----------------|
| Physical state: | liquid |
| Colour: | colourless |
| Odour: | characteristic |
| pH-Value: | not applicable |
| Changes in the physical state | |
| Melting point: | not determined |
| Boiling point or initial boiling point and boiling range: | >135 °C |
| Flash point: | >23 °C |
| Flammability | |
| Solid/liquid: | not applicable |
| Gas: | not applicable |

Explosive properties

The product is not: Explosive. not explosive. In use, may form flammable/explosive vapour-air mixture.

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| | |
|--|--|
| Lower explosion limits: | 0,6 vol. % |
| Upper explosion limits: | 7 vol. % |
| Auto-ignition temperature: | not determined |
| Self-ignition temperature | |
| Solid: | not applicable |
| Gas: | not applicable |
| Decomposition temperature: | not determined |
| Oxidizing properties | |
| The product is not: oxidising. | |
| Vapour pressure: (at 20 °C) | not determined |
| Density: | 0,782 g/cm ³ |
| Bulk density: | not applicable |
| Water solubility: | The study does not need to be conducted because the substance is known to be insoluble in water. |
| Solubility in other solvents | |
| not determined | |
| Partition coefficient n-octanol/water: | not determined |
| Relative vapour density: | not determined |
| Evaporation rate: | not determined |

9.2. Other information

| | |
|----------------|----------------|
| Solid content: | not determined |
|----------------|----------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

Mixture not tested. There are no data available on the preparation/mixture itself.

10.2. Chemical stability

Stable with proper storage and handling.

10.3. Possibility of hazardous reactions

No decomposition if used as intended

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air. Refer to chapter 7.

Take precautionary measures against static discharges.

10.5. Incompatible materials

Refer to chapter 7.

Materials to avoid: Oxidizing agents.

10.6. Hazardous decomposition products

Refer to chapter 5.

No decomposition if used as intended

In case of fire may be liberated: Carbon monoxide. Carbon dioxide.

Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

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

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Toxicokinetics, metabolism and distribution

Mixture not tested. There are no data available on the preparation/mixture itself.

Acute toxicity

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

There are no data available on the mixture itself.

| CAS No | Chemical name | | | | |
|------------|---|------------------|-------------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 64742-47-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | | | |
| | oral | LD50 >2000 mg/kg | Rat | | |
| | dermal | LD50 >2000 mg/kg | Rabbit | | |
| | inhalation vapour | LC50 >2000 mg/l | Rat | | |
| 64742-48-9 | Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, < 2% Aromaten | | | | |
| | oral | LD50 >2000 mg/kg | | | |
| | dermal | LD50 >2000 mg/kg | | | |
| | inhalation (4 h) aerosol | LC50 >5 mg/l | | | |
| 111-76-2 | 2-butoxyethanol | | | | |
| | oral | LD50 >1400 mg/kg | Guinea-pig. | | |
| | dermal | LD50 >2000 mg/kg | Guinea-pig. | | |
| | inhalation (1 h) vapour | LC50 >3,1 mg/l | | | |
| | inhalation aerosol | ATE 1,5 mg/l | | | |

Irritation and corrosivity

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

There are no data available on the mixture itself.

Sensitising effects

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

There are no data available on the mixture itself.

Carcinogenic/mutagenic/toxic effects for reproduction

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

There are no data available on the mixture itself.

STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, < 2% Aromaten)

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

There are no data available on the mixture itself.

Aspiration hazard

May be fatal if swallowed and enters airways.

Specific effects in experiment on an animal

There are no data available on the mixture itself.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. Special hazards arising from the substance or mixture! There are no data available on the mixture itself. No data available

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Practical experience

The evaluation based on subjective human observations: May cause drowsiness or dizziness. Headache.

Further information

Mixture not tested. There are no data available on the preparation/mixture itself.

SECTION 12: Ecological information
12.1. Toxicity

Toxic to aquatic life with long lasting effects. Mixture not tested. There are no data available on the preparation/mixture itself.

| CAS No | Chemical name | | | | | |
|------------|---|-----------------|-----------|-------------------------------------|--------|--------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 64742-47-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | | | | |
| | Acute fish toxicity | LC50 >100 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | | |
| | Acute algae toxicity | ErC50 >100 mg/l | 72 h | Pseudokirchneriella subcapitata | | |
| | Acute crustacea toxicity | EC50 >100 mg/l | 48 h | Daphnia magna | | |
| 64742-48-9 | Kohlenwasserstoffe, C9-C11, n-Alkane, Isoalkane, Cyclene, < 2% Aromaten | | | | | |
| | Acute fish toxicity | LC50 >100 mg/l | 96 h | | | |
| | Acute crustacea toxicity | EC50 >100 mg/l | 48 h | | | |
| 111-76-2 | 2-butoxyethanol | | | | | |
| | Acute fish toxicity | LC50 >100 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | | |
| | Acute algae toxicity | ErC50 >100 mg/l | 72 h | Pseudokirchneriella subcapitata | | |
| | Acute crustacea toxicity | EC50 >100 mg/l | 48 h | Daphnia magna | | |
| | Fish toxicity | NOEC >100 mg/l | 21 d | Danio rerio (zebrafish) | | |
| | Crustacea toxicity | NOEC 100 mg/l | 21 d | Daphnia magna | | |

12.2. Persistence and degradability

The product has not been tested. No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.7. Other adverse effects

No data available

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Mixture not tested. There are no data available on the preparation/mixture itself.

SECTION 13: Disposal considerations
13.1. Waste treatment methods

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Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation. The waste codes are recommendations based on the scheduled use of this products. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

List of Wastes Code - used product

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and mother liquors; hazardous waste

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Handle contaminated packages in the same way as the substance itself. Recommendation: Dispose of waste according to applicable legislation. E.g. Dispose of contents/container to industrial incineration plant. Or: Dispose of this material and its container to hazardous or special waste collection point.

Do not empty into drains.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|--|
| 14.1. UN number: | UN 3295 |
| 14.2. UN proper shipping name: | HYDROCARBONS, LIQUID, N.O.S. Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatics |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. Packing group: | III |
| Hazard label: | 3 |



| | |
|--------------------------|-----|
| Classification code: | F1 |
| Limited quantity: | 5 L |
| Excepted quantity: | E1 |
| Transport category: | 3 |
| Hazard No: | 30 |
| Tunnel restriction code: | D/E |

Inland waterways transport (ADN)

| | |
|--|------------------------------|
| 14.1. UN number: | UN 3295 |
| 14.2. UN proper shipping name: | HYDROCARBONS, LIQUID, N.O.S. |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. Packing group: | III |
| Hazard label: | 3 |



| | |
|----------------------|----|
| Classification code: | F1 |
|----------------------|----|

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Limited quantity: 5 L
 Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 3295
14.2. UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Special Provisions: 223
 Limited quantity: 5 L
 Excepted quantity: E1
 EmS: F-E, S-D

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



14.6. Special precautions for user

Warning: Combustible liquid.

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 29

2010/75/EU (VOC): 9,9 % (77,418 g/l)
 2004/42/EC (VOC): 100 % (782 g/l)
 Information according to 2012/18/EU (SEVESO III): E2 Hazardous to the Aquatic Environment
 Additional information: P5c

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation). To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
 Water hazard class (D): 1 - slightly hazardous to water

Additional information

VbF: brennbare Flüssigkeiten der Gruppe A Gefahrenklasse II Flüssigkeiten mit einem Flammpunkt von 21 °C bis einschließlich 55 °C (entzündlich),

15.2. Chemical safety assessment

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

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SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,4,5,6,7,8,9,10,12,13,14,15,16.

These details refer to the products as it is delivered.

Follow the instructions for use on the label.

* Data changed compared with the previous version

Abbreviations and acronyms

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

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Flam. Liq. 3; H226 | On basis of test data |
| Asp. Tox. 1; H304 | Calculation method |
| STOT SE 3; H336 | Calculation method |
| Aquatic Chronic 2; H411 | Calculation method |

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Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)