

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## Benzène 60/95

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Revised edition: 23.10.2014

Version: 9.0

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### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Benzène 60/95

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

*No information available.*

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Mon-Droguiste.Com

*Address:* 39 Bis Rue Du Moulin Rouge - 10150 Charmont Sous Barbuise

*Tel./Fax.:* Tel +33 (0)3 25 41 04 05, Fax +33 (0)3 25 41 06 16

*Internet:* www.mon-droguiste.com

*EMail:* contact@mon-droguiste.com

*Importer:*

1.4. *Emergency No.:* ORFILA : 01 45 42 59 59 - SAMU : 15 - Pompiers : 18 - Médecins de garde : 15

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

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

|         |  |
|---------|--|
| H225    | Highly flammable liquid and vapour.              |
| Cat.: 2 |  |
| H304    | May be fatal if swallowed and enters airways.    |
| Cat.: 1 |  |
| H315    | Causes skin irritation.                          |
| Cat.: 2 |  |
| H336    | May cause drowsiness or dizziness.               |
| Cat.: 3 |  |
| H411    | Toxic to aquatic life with long lasting effects. |
| Cat.: 2 |  |

*Classification according to Directive No. 67/548/EC or No. 1999/45/EC*

|                                  |     |   |
|----------------------------------|-----|---|
| Flammable (F)                    | R11 | Highly flammable  |
| Irritating (Xi)                  | R38 | Irritating to skin.   |
| Hazardous to the environment (N) | R51 | Toxic to aquatic organisms.                                     |
|                                  | R53 | May cause long-term adverse effects in the aquatic environment. |
| Harmful (Xn)                     | R65 | Harmful: May cause lung damage if swallowed.                    |
|                                  | R67 | Vapours may cause drowsiness and dizziness.                     |

*Safety Phrases:*

*Possible Environmental Effects:*

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### 2.2. Label Elements

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

Hazard designation:



GHS02



GHS07



GHS08-2



GHS09

Signal word:

Danger

Hazard designation:

|      |  |
|------|--|
| H225 | Highly flammable liquid and vapour.              |
| H304 | May be fatal if swallowed and enters airways.    |
| H315 | Causes skin irritation.                          |
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic to aquatic life with long lasting effects. |

Safety designation:

|           |   |
|-----------|---|
| P210      | Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.         |
| P233      | Keep container tightly closed.  |
| P261      | Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.                       |
| P301+P310 | If swallowed: Immediately call a poison center or physician.                |
| P331      | Do not induce vomiting.   |
| P370+P378 | In case of fire: Use sand, dry extinguishing powder or foam for extinction. |

Hazardous components for labelling:

Hydrocarbons, C6-C7, isoalkane, cyclene, <5 % n-hexane  
Hydrocarbons, C6-C7, n-alkane, isoalkane, cyclenes, <5 % n-hexane.  
Hydrocarbons, C6, isoalkane, <5 % n-hexane  
Hydrocarbons, C7, n-alkane, isoalkane, cyclene

### 2.3. Other Hazards

Regulation (EG) No. 648/2004 on detergents: aliphatic hydrocarbons: > 30 %

## 3. Composition/Information on Ingredients

### 3.1. Substance

Mixture

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### 3.2.

*Chemical Characterization:* Mixture of paraffinic and naphthenic hydrocarbons C5-C7.

*Hazardous Ingredients:*

|   |         |   |
|---|---------|---|
| Hydrocarbons, C6-C7, n-Alkane, Isoalkane, Cyclene, <5% n-Hexane (F,Xn,N; R11-38-65-67-51/53; H225-304-315-336-411); REACH 01-2119475514-35-xxxx | < 75 %  | CAS-Nr:<br>EINECS-Nr: 921-024-6<br>EC-Nr:                       |
| Hydrocarbons, C7, n-Alkanes, Isoalkane, Cyclene (F,Xn,N; R11-38-65-67-51/53; H225-304-315-336-411); REACH 01-2119475515-33-xxxx                 | < 60 %  | CAS-Nr:<br>EINECS-Nr: 927-510-4<br>EC-Nr:                       |
| n-Hexane (Xn,F,N; R11-38-48/20-51/53-62-65-67; H225-304-315-336-361f-373-411)   | < 5 %   | CAS-Nr: 110-54-3<br>EINECS-Nr: 203-777-6<br>EC-Nr: 601-037-00-0 |
| Hydrocarbons, C6, Isoalkane, <5% n-Hexane (F,Xn,N; R11-38-65-67-51/53; H225-315-304-336-411); REACH 01-2119484651-34-xxxx                       | < 40 %  | CAS-Nr:<br>EINECS-Nr: 931-254-9<br>EC-Nr:                       |
| Hydrocarbons, C6-C7, Isoalkane, Cyclene, <5% n-Hexane (F,Xn,N; R11-65-66-67-51/53; H225-304-315-336-411); REACH 01-2119486291-36-xxxx           | < 100 % | CAS-Nr:<br>EINECS-Nr: 926-605-8<br>EC-Nr:                       |
| Cyclohexane (Xn,F,N; R11-38-50/53-65-67; H225-304-315-336-400-410)  | < 1.5 % | CAS-Nr: 110-82-7<br>EINECS-Nr: 203-806-2<br>EC-Nr: 601-017-00-1 |

*Additional information:*

*Cyclohexane is a component of the carbon hydrogen mixture.  
n-Hexane is a component of the carbon hydrogen mixture.*

## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

*First aiders have to protect themselves.  
Take person away from hazardous area.  
Remove contaminated clothes immediately.*

*After inhalation:*

*Supply fresh air. If required give artificial respiration. In case of complaints or unconsciousness consult a physician. In case of unconsciousness place patient stable in side position for transportation.*

*After skin contact:*

*Remove contaminated clothing immediately. Wash off immediately with plenty of water and soap.  
If irritation continues consult a physician.*

*After eye contact:*

*Rinse open eyes with plenty of water for at least 15 minutes.  
Consult physician.*

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*After ingestion:*

*Do not induce vomiting.  
Risk of aspiration!  
Immediately get medical help.  
In case of spontaneous vomiting, bring unconsciousness person in a stable side position.*

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*Headache, dizziness, nausea, tiredness, numbness, drowsiness, disorder of the central nervous system.  
Dries out the skin. Skin irritation.*

*Effects:*

*If vomiting occurs after ingestion, aspiration into the lungs can occur. Aspiration can cause pulmonary edema and pneumonia.*

### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*Treat symptomatically.  
Artificial respiration and/or oxygen may be required.*

## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water spray.*

*Unsuitable extinguishing media:*

*Water with full jet.*

### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*Highly flammable.  
Fumes can form an explosive mixture with air.  
The vapor is heavier than air, spreads along the ground and distant ignition is possible.  
In case of fire: formation of carbon oxides. Hazardous decomposition products due to incomplete combustion.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device and full protective gear.*

*Further information:*

*Cool exposed containers with water spray.  
Collect contaminated extinguishing water and debris separately; avoid contamination of sewage system.*

## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Provide adequate ventilation. Keep away from sources of ignition.*

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*Wear protective clothing.*

*Avoid contact with skin, eyes and clothing. Do not ingest or inhale.*

### 6. 2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soils, drains and surface water.*

*Contact local authorities if product pollutes soil or vegetation.*

### 6. 3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Larger amounts should be pumped into adequate containers.*

*Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent) and dispose accordingly.*

### 6. 4. Reference to other Sections

*Protective clothing, see Section 8.*

---

## 7. Handling and Storage

### 7. 1. Precautions for Safe Handling

*Instructions on safe handling:*

*Keep containers tightly closed.*

*Provide good ventilation and/or exhaust at the workplace. Ensure adequate ventilation. Handle and open container with care.*

*Avoid contact with eyes and skin.*

*Hygienic measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Do not inhale gas/fumes/vapours/aerosols.*

*Take off contaminated clothing immediately. Store working clothes separately.*

*Avoid contact with eyes and skin.*

### 7. 2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.*

*Protect against heat and direct sunlight.*

*Requirements for storage areas and containers:*

*Store in a room with a solvent-proof floor.*

*Suitable container material: stainless steel, carbon steel, teflon.*

*Unsuitable container material: natural rubber, butyl rubber, polystyrol.*

*Information on fire and explosion protection:*

*Combustible material.*

*Highly flammable.*

*Vapors may form an explosive mixture with air.*

*Keep away from sources of ignition - do not smoke. Take measures to prevent electrostatic discharge.*

*Ensure electrical continuity by bonding and grounding (earthing) all*

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equipment.

Storage class (VCI):

3: Flammable liquids

Further Information:

No information available.

### 7.3. Specific End Use(s)

Further information:

No information available.

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## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

Parameters to be controlled (DE):

C5-C8 Aliphatics: TWA 1500 mg/m<sup>3</sup>; 2(II); Y

n-Hexane, CAS 110-54-3: ELV (TRGS 900): 180 mg/m<sup>3</sup>; 50 ml/m<sup>3</sup>; 8(II); Y

Cyclohexane, CAS 110-82-7: ELV (TRGS 900): 700 mg/m<sup>3</sup>; 200 ppm (4)

Y: No teratogenic risk when the exposure limit values (ELV) and biological limit values (BLV) are adhered to.

BLV: n-Hexane Measured parameter: 2,5-Hexandione plus 4,5-Dihydroxy-2-hexanone: 5 mg/l (end of exposure or shift; urine)

BLV: Cyclohexane Measured parameter: total 1,2-Cyclohexanediol: 150 mg/l (end of exposure or shift; urine)

Parameters to be controlled:

n-Hexane, CAS 110-54-3: TLV (EC ELV): 72 mg/m<sup>3</sup>; 20 ppm

Cyclohexane, CAS 110-82-7: TWA (EC ELV) 700 mg/m<sup>3</sup>; 200 ppm

Derived No-Effect Level (DNEL):

Hydrocarbons, C6-C7, Isoalkanes, Cyclenes, <5 % n-Hexane: 13964 mg/kg/day (worker, skin contact, chronic exposure - systemic effects)

5306 mg/m<sup>3</sup> (worker, inhalation, chronic exposure - systemic effects)

1377 mg/kg/day (consumer, skin contact, chronic exposure - systemic effects)

1131 mg/m<sup>3</sup> (consumer, inhalation, chronic exposure - systemic effects)

1301 mg/kg/day (consumer, swallowing, chronic exposure - systemic effects)

Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cyclenes, <5 % n-Hexane:

773 mg/kg (worker, skin contact, long-term exposition - systemic effects)

2035 mg/m<sup>3</sup> (worker, inhalation, long-term exposition - systemic effects)

699 mg/kg (consumer, skin contact, long-term exposition - systemic effects)

608 mg/kg (consumer, inhalation, long-term exposition - systemic effects)

699 mg/kg (consumer, swallowing, long-term exposition - systemic effects)

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effects)

Hydrocarbons, C6, Isoalkanes, <5 % n-Hexane:

13964 mg/kg/day (worker, skin contact, long-term exposition - systemic effects)

5306 mg/m<sup>3</sup> (worker, inhalation, long-term exposition - systemic effects)

1377 mg/kg (consumer, skin contact, long-term exposition - systemic effects)

1137 mg/m<sup>3</sup> (consumer, inhalation, long-term exposition - systemic effects)

1301 mg/kg/day (consumer, swallowing, long-term exposition - systemic effects)

Hydrocarbons, C7, n-Alkanes, Isoalkanes, Cyclenes:

300 mg/kg/day (worker, skin contact, long-term exposition - systemic effects)

2085 mg/m<sup>3</sup> (worker, inhalation, long-term exposition - systemic effects)

149 mg/kg/day (consumer, skin contact, long-term exposition - systemic effects)

477 mg/m<sup>3</sup> (consumer, inhalation, long-term exposition - systemic effects)

149 mg/kg/day (consumer, swallowing, long-term exposition - systemic effects)

*Predicted No-Effect Concentration (PNEC):*

No values available.

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

Provide adequate ventilation.

*Personal Protection*

*General protective measures:*

Avoid contact with eyes and skin.

Do not inhale gas/fumes/vapor/aerosol.

Remove contaminated clothing immediately.

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

*Respiratory protection:*

In case of formation of dust/vapor.

Respirator mask required if ventilation is insufficient. Wear filter respirator in case of short-term or low exposure, and wear a self-contained breathing apparatus in case of long-term or higher exposure.

Recommended: filter AX.

*Hand protection:*

Protective gloves

*Protective glove material:*

Nitrile rubber

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*Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.*

*Eye protection:*

*Tightly fitting safety goggles (EN 166).*

*Body protection:*

*Protective clothing (flame-proof, antistatic).*

*Environmental precautions:*

*Prevent contamination of open water ways and sewage system.  
Avoid contamination of ground water.*

---

### 9. Physical and Chemical Properties

#### 9.1. Information on Basic Physical and Chemical Properties

|  |   |
|--|---|
| <i>Form:</i>                                       | <i>liquid</i>                             |
| <i>Color:</i>                                      | <i>colorless</i>                          |
| <i>Odor:</i>                                       | <i>gasoline-like</i>                      |
| <i>Odor threshold:</i>                             | <i>No information available.</i>          |
| <i>pH-Value:</i>                                   | <i>not applicable</i>                     |
| <i>Melting temperature:</i>                        | <i>&lt; -20°C</i>                         |
| <i>Boiling temperature:</i>                        | <i>48 - 105°C (ASTM D1078)</i>            |
| <i>Flash point:</i>                                | <i>&lt; 0°C (ASTM D 56)</i>               |
| <i>Evaporation rate:</i>                           | <i>No information available.</i>          |
| <i>Flammability (solid, gas):</i>                  | <i>not applicable</i>                     |
| <i>Upper explosion limit:</i>                      | <i>8.3 Vol. %</i>                         |
| <i>Lower explosion limit:</i>                      | <i>0.6 Vol. %</i>                         |
| <i>Vapor pressure:</i>                             | <i>100 - 200 hPa (20°C)</i>               |
| <i>Vapor density:</i>                              |   |
| <i>Density:</i>                                    | <i>0.65 - 0.8 g/cm<sup>3</sup> (15°C)</i> |
| <i>Solubility in water:</i>                        | <i>practically insoluble</i>              |
| <i>Coefficient of variation (n-Octanol/Water):</i> | <i>no information available</i>           |
| <i>Auto-ignition temperature:</i>                  | <i>200°C</i>                              |
| <i>Decomposition temperature:</i>                  | <i>No data available.</i>                 |
| <i>Viscosity, dynamic:</i>                         | <i>not available</i>                      |

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### *Explosive properties:*

*Product is not explosive; however, an explosive vapor/air mixture can be formed.*

### *Oxidizing properties:*

*no information available*

### *Bulk density:*

*not determined*

## 9. 2. Further Information

### *Solubility in solvents:*

### *Viscosity, kinematic*

*0.3 - 1.2 mm<sup>2</sup>/s (20°C)*

### *Burning class:*

### *Solvent content:*

### *Solid content:*

### *Particle size:*

### *Other information:*

*No further information.*

---

## 10. Stability and Reactivity

### 10.1. Reactivity

*No decomposition if used according to specifications.*

### 10.2. Chemical Stability

*The product is stable.*

### 10.3. Possibility of Hazardous Reactions

*Formation of explosive vapor-air-mixtures possible.*

### 10.4. Conditions to Avoid

#### *Conditions to avoid:*

*Avoid contact with heat, sparks and open fire.*

#### *Thermal decomposition:*

*No further information available.*

### 10.5. Incompatible Materials

*Oxidizing agents.*

### 10.6. Hazardous Decomposition Products

*In case of fire: formation of carbon oxides.*

### 10.7. Further Information

---

## 11. Toxicological Information

### 11. 1. Information on Toxicological Effects

#### *Acute Toxicity*

#### *LD50, oral:*

*Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cyclenes, <5 % n-Hexane: > 5000 mg/kg (rat; OECD 401)*

*Hydrocarbons, C6-C7, Isoalkanes, Cyclene, < 5 % n-Hexane: >  
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|   |   |
|---|---|
|   | <i>5000 mg/kg (rat; OECD 401)</i>   |
|   | <i>Hydrocarbons, C7, n-Alkanes, Isoalkanes, Cyclenes: &gt; 5840 mg/kg (rat; OECD 401)</i>                                       |
|   | <i>Hydrocarbons, C6, Isoalkanes, &lt; 5 % n-Hexane: &gt; 5000 mg/kg (rat; OECD 401)</i>   |
| <i>LD50, dermal:</i>                          |   |
|   | <i>Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cyclenes, &lt;5 % n-Hexane: &gt; 2000 mg/kg (rat; OECD 402)</i>                  |
|   | <i>Hydrocarbons, C6-C7, Isoalkanes, Cyclene, &lt; 5 % n-Hexane: &gt; 2000 mg/kg (rabbit; OECD 402)</i>                          |
|   | <i>Hydrocarbons, C7, n-Alkanes, Isoalkanes, Cyclenes: &gt; 2920 mg/kg (rat)</i>   |
|   | <i>Hydrocarbons, C6, Isoalkanes, &lt; 5 % n-Hexane: &gt; 3000 mg/kg (rat; OECD 402)</i>   |
| <i>LC50, inhalation:</i>                      |   |
|   | <i>Hydrocarbons, C6-C7, Isoalkanes, Cyclenes, &lt; 5 % n-Hexane: &gt; 20 mg/kg (4h, rat; OECD 403)</i>                          |
|   | <i>Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cyclenes, &lt; 5 % n-Hexane: &gt; 20 mg/kg (4h, rat; OECD 403)</i>               |
|   | <i>Hydrocarbons, C7, n-Alkanes, Isoalkanes, Cyclenes: &gt; 23.3 mg/kg (4h; rat; OECD 403)</i>                                   |
|   | <i>Hydrocarbons, C6, Isoalkanes, &lt; 5 % n-Hexane: &gt; 20 mg/kg (4h; rat; OECD 403)</i>                                       |
| <i>Primary effects</i>                        |   |
| <i>Irritant effect on skin:</i>               | <i>Irritating to skin.</i>  |
| <i>Irritant effect on eyes:</i>               | <i>No information available.</i>  |
| <i>Inhalation:</i>                            | <i>No information available.</i>  |
| <i>Ingestion:</i>                             | <i>No information available</i>   |
| <i>Sensitization:</i>                         | <i>No sensitizing effects known.</i>  |
| <i>Mutagenicity:</i>                          | <i>No data available.</i>   |
| <i>Reproductive toxicity:</i>                 | <i>No information available.</i>  |
| <i>Cancerogenicity:</i>                       | <i>No data available.</i>   |
| <i>Teratogenicity:</i>                        | <i>No information available.</i>  |
| <i>Specific target organ toxicity (STOT):</i> | <i>Single exposure: may cause drowsiness or dizziness.<br/>Repeated exposure: the substance or mixture is not classified as</i> |

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*specific target organ toxicant.*

*Additional toxicological information:*

*Aspiration toxicity: may be fatal if swallowed and enters airways.*

## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Fish toxicity:*

*Hydrocarbons, C6-C7, Isoalkanes, Cyclenes, < 5% n-Hexane: LL50: 12 mg/l (96h; Oncorhynchus mykiss)*

*Hydrocarbons, C6-C7, n-Alkane, Isoalkanes, Cyclenes, < 5% n-Hexane: LL50: 11.4 mg/l (Oncorhynchus mykiss; 96h; OECD 203)*

*Hydrocarbons, C6, Isoalkanes, < 5% n-Hexane: LC50: 1 mg/l (48h; Oryzias latipes)*

*Hydrocarbons, C7, n-Alkane, Isoalkane, Cyclene: LL50: 13.4 mg/l (96h; Oncorhynchus mykiss)*

*Daphnia toxicity:*

*Hydrocarbons, C6-C7, Isoalkanes, Cyclenes, < 5% n-Hexane: EL50: 3 mg/l (Daphnia magna; 48h)*

*Hydrocarbons, C6-C7, n-Alkane, Isoalkanes, Cyclenes, < 5% n-Hexane: EL50: 3 mg/l (48h, Daphnia magna; OECD 202)*

*Hydrocarbons, C6, Isoalkanes, < 5% n-Hexane: LC50: 3.87 mg/l (Daphnia magna; 48h)*

*Hydrocarbons, C7, n-Alkane, Isoalkanes, Cyclenes: EL50: 3 mg/l (48h, Daphnia magna)*

*Bacteria toxicity:*

*no information available*

*Algae toxicity:*

*Hydrocarbons, C6-C7, Isoalkanes, Cyclenes, < 5% n-Hexane: ErL50: 55 mg/l (72h, Pseudokirchneriella subcapitata)*

*Hydrocarbons, C6-C7, Isoalkanes, Cyclenes, < 5% n-Hexane: NOERL: 30 mg/l (72h, Pseudokirchneriella subcapitata)*

*Hydrocarbons, C6-C7, n-Alkane, Isoalkanes, Cyclenes, < 5% n-Hexane: LL50: 11.4 mg/l (72h, Pseudokirchneriella subspicatus; OECD 201)*

*Hydrocarbons, C6, Isoalkanes, < 5% n-Hexane: ErL50: 55 mg/l (72h, Pseudokirchneriella subcapitata)*

*Hydrocarbons, C6, Isoalkanes, < 5% n-Hexane: NOERL: 30 mg/l (72h, Pseudokirchneriella subcapitata)*

*Hydrocarbons, C7, n-Alkane, Isoalkanes, Cyclenes: NOELR: 10 mg/l (72h, Pseudokirchneriella subspicatus)*

*Hydrocarbons, C7, n-Alkane, Isoalkanes, Cyclenes: EL50: 10-30 mg/l (72h, Pseudokirchneriella subspicatus)*

### 12.2. Persistency and Degradability

*Readily biodegradable.*

*98 % (28d); readily biodegradable (Method: OECD 301D)*

### 12.3. Bioaccumulation

*No information available.*

### 12.4. Mobility

*Product is very volatile and therefore evaporates very quickly*

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*when it reaches the water surface.*

### 12. 5. Results of PBT- und vPvP Assessment

*The contents of the preparation do not comply with the criteria for the classification as PBT or vPvB.*

### 12. 6. Other Adverse Effects

*Water hazard class:*

*2 (German Regulation) (Assessment by list): hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*Toxic to water organisms.*

*May cause long-term adverse effects in the aquatic environment.*

*Prevent product from entering surface water and drains.*

*AOX Value:*

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## 13. Disposal Considerations

### 13. 1. Waste Treatment Methods

*Product:*

*In accordance with current regulations, product may be taken to an incineration plant.*

*Must not be disposed together with household garbage.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Empty container completely. Residues may cause an explosion hazard.*

*Do not puncture, cut or weld uncleaned drums. Risk of explosion.*

*Dispose of according to official local regulations.*

*Waste Code No.:*

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## 14. Transport Information

### 14. 1. UN Number

*ADR, IMDG, IATA*

*3295*

### 14. 2. UN Proper Shipping Name

*ADR/RID:*

*KOHLLENWASSERSTOFFE, FLÜSSIG, N.A.G. (Naphtha (Erdöl), mit Wasserstoff behandelte leichte)*

*IMDG/IATA:*

*HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light)*

### 14. 3. Transport Hazard Classes

*ADR Class:*

*3*

*Hazard no.:*

*3*

*Classification code:*

*F1*

*Tunnel no.:*

*D/E*

*IMDG Class (sea):*

*3*

*Hazard no.:*

*3*

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|               |   |  |
|---------------|---|--|
|               | <i>EmS No.:</i>   | <i>F-E, S-D</i>  |
|               | <i>IATA Class:</i>  | <i>3</i>   |
|               | <i>Hazard no.:</i>  | <i>3</i>   |
| <b>14. 4.</b> | <b>Packaging Group</b>  |  |
|               | <i>ADR/RID:</i>   | <i>II</i>  |
|               | <i>IMDG:</i>  | <i>II</i>  |
|               | <i>IATA:</i>  | <i>II</i>  |
| <b>14. 5.</b> | <b>Environmental Hazards</b>  |  |
|               |   | <i>Labelling according 5.2.1.8 ADR/RID: fish and tree</i><br><i>Labelling according 5.2.1.6.3 IMDG: fish and tree</i><br><i>Classification as environmentally hazardous according 2.9.3</i><br><i>IMDG: yes</i>  |
| <b>14. 6.</b> | <b>Special Precautions for User</b>   |  |
|               |   | <i>not applicable</i>  |
| <b>14. 7.</b> | <b>Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code</b>                      |  |
|               |   | <i>IMDG: not applicable</i>  |
| <b>14. 8.</b> | <b>Further Information</b>  |  |
| <b>15.</b>    | <b>Regulatory Information</b>   |  |
| <b>15. 1.</b> | <b>Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture</b> |  |
|               | <i>Water hazard class:</i>  | <i>2, hazardous for water (German Regulation)</i>  |
|               | <i>Local regulations on chemical accidents:</i>   | <i>Underlies the Accident Ordinance 13</i>   |
|               | <i>Employment restrictions:</i>   | <i>The employment restrictions for expectant and nursing mothers in accordance with the Maternity Protection Guideline (94/85/EEC) are to be observed.</i><br><i>The employment restrictions for young workers in accordance with the Youth Employment Protection Law (94/33/EC) are to be observed.</i> |
|               | <i>Restriction and prohibition of application:</i>  | <i>Not applicable.</i>   |
|               | <i>Technical instructions on air quality:</i>   |  |
| <b>15. 2.</b> | <b>Chemical Safety Assessment</b>   |  |
|               |   | <i>A Chemical Safety Assessment has been carried out for this product.</i>   |
| <b>15. 3.</b> | <b>Further Information</b>  |  |
|               |   | <i>EC. Directive 1999/13/EC, VOC content 100 %</i>   |
| <b>16.</b>    | <b>Other Information</b>  |  |
|               |   | <i>This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product</i>                                      |

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*from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*