

according to UK REACH Regulation

#### **DEKAPHON 9735**

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

### 1.1. Product identifier

**DEKAPHON 9735** 

UFI: 7M5D-6MC6-000N-E25N

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

#### Use of the substance/mixture

Anti-corrosive coating

#### Uses advised against

No further relevant information available.

# 1.3. Details of the supplier of the safety data sheet

DINOL GmbH Company name:

Street: Pyrmonter Strasse 76 Place: D-32676 Luegde

Telephone: + 49 (0) 5281 982980 Telefax: + 49 (0) 5281 9829860

e-mail: msds@dinol.com

Contact person: Labor

Responsible Department: msds@dinol.com

1.4. Emergency telephone Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)

number:

# **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

# **GB CLP Regulation**

Hazard categories: Aerosol: Aerosol 1

Aspiration hazard: Asp. Tox. 1

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3 Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated. May be fatal if swallowed and enters airways.

Causes serious eye irritation. May cause drowsiness or dizziness.

Harmful to aquatic life with long lasting effects.

# 2.2. Label elements

# **GB CLP Regulation**

# Hazard components for labelling

butanone; ethyl methyl ketone

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

Danger

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hydrocarbons, C9, aromatics Signal word:

Pictograms:







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#### **Hazard statements**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

### **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P251 Do not pierce or burn, even after use.

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

present and easy to do. Continue rinsing.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

## Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

No information available.

# **SECTION 3: Composition/information on ingredients**

## 3.2. Mixtures



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# **Hazardous components**

| CAS No     | Chemical name  | Quantity                        |                   |             |
|------------|--|---------------------------------|-------------------|-------------|
|            | EC No  | Index No                        | REACH No          |             |
|            | GHS Classification   | •                               |                   |             |
| 64742-49-0 | Hydrocarbons, C7-C9, n-alkar   | nes, isoalkanes, cyclics        |                   | 15 - < 20 % |
|            | 920-750-0  | 649-328-00-1                    | 01-2119473851-33  |             |
|            | Flam. Liq. 2, STOT SE 3, Asp   | . Tox. 1, Aquatic Chronic 2; H2 | 25 H336 H304 H411 |             |
| 78-93-3    | butanone; ethyl methyl ketone  | )                               |                   | 15 - < 20 % |
|            | 201-159-0  | 606-002-00-3                    |                   |             |
|            | Flam. Liq. 2, Eye Irrit. 2, STO  | Γ SE 3; H225 H319 H336 EUH      | 066               |             |
| 74-98-6    | propane  |                                 |                   | 10 - < 15 % |
|            | 200-827-9  |                                 | 01-2119486944-21  |             |
|            | Flam. Gas 1A, Compressed g   | as; H220 H280                   |                   |             |
| 106-97-8   | n-butane   | 5 - < 10 %                      |                   |             |
|            | 203-448-7  |                                 | 01-2119474691-32  |             |
|            | Flam. Gas 1A, Compressed g   |                                 |                   |             |
| 64742-49-0 | Hydrocarbons, C7, n-alkanes,   | 1 - < 5 %                       |                   |             |
|            | 927-241-2  | 649-328-00-1                    | 01-2119471843-32  |             |
|            | Flam. Liq. 3, STOT SE 3, Asp   |                                 |                   |             |
| 64742-95-6 | Hydrocarbons, C9, aromatics  |                                 |                   | 1 - < 5 %   |
|            | 918-668-5  | 649-356-00-4                    | 01-2119455851-35  |             |
|            | Flam. Liq. 3, STOT SE 3, STO<br>H411 EUH066  |                                 |                   |             |
| 64742-49-0 | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane                                |                                 |                   | 1 - < 5 %   |
|            | 921-024-6  | 649-328-00-1                    | 01-2119475514-35  |             |
|            | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 |                                 |                   |             |

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

# Specific Conc. Limits, M-factors and ATE

| CAS No     | EC No                           | Chemical name  | Quantity    |
|------------|---------------------------------|--|-------------|
|            | Specific Conc.                  | Limits, M-factors and ATE  |             |
| 64742-49-0 | 920-750-0                       | Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics                                      | 15 - < 20 % |
|            | inhalation: LC<br>mg/kg         | 50 = >23,3 mg/l (vapours); dermal: LD50 = >2800 mg/kg; oral: LD50 = >5000                |             |
| 78-93-3    | 201-159-0                       | butanone; ethyl methyl ketone  | 15 - < 20 % |
|            | dermal: LD50                    | = 6480 mg/kg; oral: LD50 = 2740 mg/kg  |             |
| 106-97-8   | 203-448-7                       | n-butane   | 5 - < 10 %  |
|            | inhalation: AT<br>= 658 ppm (ga | E = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); inhalation: LC50 ses) |             |
| 64742-49-0 | 927-241-2                       | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics   | 1 - < 5 %   |
|            | inhalation: LC<br>mg/kg         | 50 = 4951 mg/l (vapours); dermal: LD50 = > 5000 mg/kg; oral: LD50 = 4951                 |             |
| 64742-95-6 | 918-668-5                       | Hydrocarbons, C9, aromatics  | 1 - < 5 %   |
|            | inhalation: LC<br>mg/kg         | 50 = >6193 mg/l (vapours); dermal: LD50 = >3160 mg/kg; oral: LD50 = 3492                 |             |
| 64742-49-0 | 921-024-6                       | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane                        | 1 - < 5 %   |
|            | dermal: LD50                    | = >5000 mg/kg; oral: LD50 = >5000 mg/kg  |             |



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#### **Further Information**

Hydrocarbons meet the requirements for not being classified as carcinogenic (<0,1% benzene alt<3% (w/w) DMSO extract (IP 346)).

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

#### **General information**

In all cases of doubt, or when symptoms persist, seek medical advice.

Never give anything by mouth to an unconscious person or a person with cramps.

If unconscious place in recovery position and seek medical advice.

#### After inhalation

Remove casualty to fresh air and keep warm and at rest.

#### After contact with skin

Change contaminated clothing.

Wash with plenty of water/Soap. If skin irritation occurs: Get medical advice/attention.

### 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. Seek medical advice immediately.

#### After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

Do NOT induce vomiting.

Call a physician immediately.

Put victim at rest, cover with a blanket and keep warm.

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

No further relevant information available.

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

No information available.

# **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

# Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO2), Extinguishing powder. Water fog.

# Unsuitable extinguishing media

High power water jet.

# 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

# 5.3. Advice for firefighters

Use appropriate respiratory protection.

## Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

# **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

### **General measures**

Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### For emergency responders

For further specification, refer to section 8 of the SDS.



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#### 6.2. Environmental precautions

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

### 6.3. Methods and material for containment and cleaning up

#### For containment

Prevent spread over a wide area (e.g. by containment or oil barriers).

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

#### Other information

No information available.

# 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

#### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Do not breathe gas/vapour/aerosol.

#### Advice on protection against fire and explosion

Do not spray on naked flames or any incandescent material. Keep away from sources of ignition - No smoking. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

# Advice on general occupational hygiene

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

#### Further information on handling

No further relevant information available.

# 7.2. Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Hints on joint storage

Not required.

# Further information on storage conditions

Keep container tightly closed.

#### 7.3. Specific end use(s)

No further relevant information available.

# **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters



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### **Exposure limits (EH40)**

| CAS No   | Substance                         | ppm | mg/m³ | fibres/ml | Category      | Origin |
|----------|-----------------------------------|-----|-------|-----------|---------------|--------|
| 78-93-3  | Butan-2-one (methyl ethyl ketone) | 200 | 600   |           | TWA (8 h)     | WEL    |
|          |                                   | 300 | 899   |           | STEL (15 min) | WEL    |
| 106-97-8 | Butane                            | 600 | 1450  |           | TWA (8 h)     | WEL    |
|          |                                   | 750 | 1810  |           | STEL (15 min) | WEL    |

# **Biological Monitoring Guidance Values (EH40)**

| CAS No  | Substance   | Parameter   | Value     | Test material | Sampling time |
|---------|-------------|-------------|-----------|---------------|---------------|
| 78-93-3 | Butan-2-one | butan-2-one | 70 µmol/L | urine         | Post shift    |

#### **DNEL/DMEL values**

| CAS No                   | Substance   |                |          |                  |  |
|--------------------------|---|----------------|----------|------------------|--|
| DNEL type                |   | Exposure route | Effect   | Value            |  |
| 64742-49-0               | Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics |                |          |                  |  |
| Worker DNEL              | , long-term   | dermal         | systemic | 773 mg/kg bw/day |  |
| Worker DNEL              | , long-term   | inhalation     | systemic | 2035 mg/m³       |  |
| Consumer DN              | EL, long-term                                       | dermal         | systemic | 699 mg/kg bw/day |  |
| Consumer DNEL, long-term |   | oral           | systemic | 699 mg/kg bw/day |  |
| Consumer DN              | EL, long-term                                       | inhalation     | systemic | 608 mg/m³        |  |
| 64742-95-6               | Hydrocarbons, C9, aromatics                         |                |          |                  |  |
| Worker DNEL              | , long-term   | inhalation     | systemic | 150 mg/m³        |  |
| Worker DNEL, long-term   |   | dermal         | systemic | 25 mg/kg bw/day  |  |
| Consumer DNEL, long-term |   | inhalation     | systemic | 32 mg/m³         |  |
| Consumer DNEL, long-term |   | dermal         | systemic | 11 mg/kg bw/day  |  |
| Consumer DN              | EL, long-term                                       | oral           | systemic | 11 mg/kg bw/day  |  |

### 8.2. Exposure controls





### Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be

# Individual protection measures, such as personal protective equipment

# Eye/face protection

Eye glasses with side protection (DIN EN 166)

# Hand protection

Recommended glove articles

FKM (fluoro rubber), Breakthrough time (maximum wearing time): 480 min.

NBR (Nitrile rubber), Breakthrough time (maximum wearing time): 480 min.

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.

Protective gloves have to be replaced at the first sign of deterioration.



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Protect skin by using skin protective cream.

### Skin protection

Wear anti-static footwear and clothing

#### Respiratory protection

Work in well-ventilated zones or use proper respiratory protection. gas filtering equipment (EN 141)., Filter material/medium: A

short-term Filter material/medium : A1/P1 long-term Filter material/medium : A1/P2

# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state: Aerosol Colour: black

Odour: characteristic
Odour threshold: not determined

Test method

Changes in the physical state

Melting point/freezing point:

Boiling point or initial boiling point and

79,5 °C

boiling range:

Flash point: < -20 °C

Flammability

Solid/liquid: not determined
Gas: not determined

**Explosive properties** 

not determined

Lower explosion limits: 0,6 vol. %
Upper explosion limits: 11,5 vol. %
Auto-ignition temperature: > 200 °C

Self-ignition temperature

Solid: not determined
Gas: not determined

Decomposition temperature: not determined

**Oxidizing properties** 

not determined

pH-Value: not determined Viscosity / dynamic: not determined Viscosity / kinematic: not determined

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Vapour pressure: 8300 hPa

(at 20 °C)

Density (at 20 °C): 0,82 g/cm³ DIN 51757

### 9.2. Other information

# Information with regard to physical hazard classes



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Sustaining combustion:

No data available

Other safety characteristics

Solvent content: 65,1 % Solid content: 35,2 %

**Further Information** 

No information available.

# **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

# 10.4. Conditions to avoid

No further relevant information available.

#### 10.5. Incompatible materials

No information available.

# 10.6. Hazardous decomposition products

Carbon monoxide

# **SECTION 11: Toxicological information**

# 11.1. Information on hazard classes as defined in GB CLP Regulation

# **Acute toxicity**

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



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| CAS No     | Chemical name  |  |              |                    |        |        |  |
|------------|--|--|--------------|--------------------|--------|--------|--|
|            | Exposure route   | Dose   |              | Species            | Source | Method |  |
| 64742-49-0 | -0 Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics |  |              |                    |        |        |  |
|            | oral   | LD50<br>mg/kg                                    | >5000        | Rat                |        |        |  |
|            | dermal   | LD50<br>mg/kg                                    | >2800        | Rabbit             |        |        |  |
|            | inhalation (4 h) vapour                                | LC50<br>mg/l                                     | >23,3        | Rat                |        |        |  |
| 78-93-3    | butanone; ethyl methyl k                               | etone  |              |                    |        |        |  |
|            | oral   | LD50<br>mg/kg                                    | 2740         | Rat                |        |        |  |
|            | dermal   | LD50<br>mg/kg                                    | 6480         | Rabbit             |        |        |  |
| 106-97-8   | n-butane   |  |              |                    |        |        |  |
|            | inhalation vapour                                      | ATE  | 3 mg/l       |                    |        |        |  |
|            | inhalation aerosol                                     | ATE  | 0,5 mg/l     |                    |        |        |  |
|            | inhalation (4 h) gas                                   | LC50   | 658 ppm      | Rat                |        |        |  |
| 64742-49-0 | Hydrocarbons, C7, n-alka                               | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |              |                    |        |        |  |
|            | oral   | LD50<br>mg/kg                                    | 4951         | Rat                |        |        |  |
|            | dermal   | LD50<br>mg/kg                                    | > 5000       | Rat                |        |        |  |
|            | inhalation (4 h) vapour                                | LC50   | 4951 mg/l    | Rat                |        |        |  |
| 64742-95-6 | Hydrocarbons, C9, arom                                 | atics  |              |                    |        |        |  |
|            | oral   | LD50<br>mg/kg                                    | 3492         | Rat                |        |        |  |
|            | dermal   | LD50<br>mg/kg                                    | >3160        | Rabbit             |        |        |  |
|            | inhalation (4 h) vapour                                | LC50<br>mg/l                                     | >6193        | Rat                |        |        |  |
| 64742-49-0 | Hydrocarbons, C6-C7, n-                                | -alkanes, isoa                                   | alkanes, cyc | lics, <5% n-hexane |        |        |  |
|            | oral   | LD50<br>mg/kg                                    | >5000        | 4                  |        |        |  |
|            | dermal   | LD50<br>mg/kg                                    | >5000        | 7                  |        |        |  |

# Irritation and corrosivity

Causes serious eye irritation.

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

Frequently or prolonged contact with skin may cause dermal irritation.

Causes serious eye irritation.

### Sensitising effects

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

# Carcinogenic/mutagenic/toxic effects for reproduction

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

# STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics; butanone; ethyl methyl ketone)



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# STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

### **Aspiration hazard**

May be fatal if swallowed and enters airways. May be fatal if swallowed and enters airways.

### **Further information**

There are no data available on the preparation/mixture itself.

# **SECTION 12: Ecological information**

### 12.1. Toxicity

| CAS No     | Chemical name               |              |              |           |  |        |        |
|------------|-----------------------------|--------------|--------------|-----------|--|--------|--------|
|            | Aquatic toxicity            | Dose         |              | [h]   [d] | Species                                | Source | Method |
| 64742-49-0 | Hydrocarbons, C7-C9, n-a    | lkanes, isoa | lkanes, cycl | ics       |  |        |        |
|            | Acute fish toxicity         | LL50<br>mg/l | >13,4        |           | Oncorhynchus mykiss<br>(Rainbow trout) |        |        |
|            | Acute crustacea toxicity    | EL50         | 3 mg/l       |           | Daphnia magna (Big<br>water flea)      |        |        |
| 64742-95-6 | Hydrocarbons, C9, aromatics |              |              |           |  |        |        |
|            | Acute fish toxicity         | LC50         | 9,2 mg/l     |           | Oncorhynchus mykiss<br>(Rainbow trout) |        |        |
|            | Acute algae toxicity        | ErC50        | 2,9 mg/l     |           | Pseudokirchneriella<br>subcapitata     |        |        |
|            | Acute crustacea toxicity    | EC50         | 3,2 mg/l     |           | Daphnia magna (Big<br>water flea)      |        |        |

### 12.2. Persistence and degradability

There are no data available on the mixture itself.

# 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

### Partition coefficient n-octanol/water

| CAS No  | Chemical name                 | Log Pow |
|---------|-------------------------------|---------|
| 78-93-3 | butanone; ethyl methyl ketone | 0,29    |
| 74-98-6 | propane                       | 2,36    |

# 12.4. Mobility in soil

There are no data available on the mixture itself.

### 12.5. Results of PBT and vPvB assessment

not applicable

### 12.7. Other adverse effects

No information available.

## **Further information**

There are no data available on the mixture itself.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

#### **Disposal recommendations**

Dispose of waste according to applicable legislation.

Do not mix with other wastes.



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### List of Wastes Code - residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF

COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish

containing organic solvents or other hazardous substances; hazardous waste

### List of Wastes Code - contaminated packaging

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF

COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish

containing organic solvents or other hazardous substances; hazardous waste

### Contaminated packaging

Dispose according to legislation.

# **SECTION 14: Transport information**

# Land transport (ADR/RID)

Hazard label:

**14.1. UN number:** UN 1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es):214.4. Packing group:-



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L
Excepted quantity: E0
Transport category: 2
Tunnel restriction code: D

# Inland waterways transport (ADN)

**14.1. UN number:** UN 1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es):214.4. Packing group:-Hazard label:2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L
Excepted quantity: E0

# Marine transport (IMDG)

**14.1. UN number:** UN 1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es):2.114.4. Packing group:-Hazard label:2.1



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Marine pollutant:

Special Provisions: 63, 190, 277, 327, 344, 381, 959

Limited quantity: 1000 mL Excepted quantity: E0 EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1950

14.2. UN proper shipping name: AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es):2.114.4. Packing group:-Hazard label:2.1



Special Provisions: A145 A167 A802

Limited quantity Passenger: 30 kg G
Passenger LQ: Y203
Excepted quantity: E0

IATA-packing instructions - Passenger:203IATA-max. quantity - Passenger:75 kgIATA-packing instructions - Cargo:203IATA-max. quantity - Cargo:150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Warning: gas

Other applicable information

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1

litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS:

SG69 For AEROSOLS with a maximum capacity of 1

litre:

Segregation as for class 9. Stow "separated from" class

1 except for division 1.4.

For AEROSOLS with a capacity above 1 litre:

Segregation as for the appropriate subdivision of class

2.

For WASTE AEROSOLS:

Segregation as for the appropriate subdivision of class

2.

Category C, Clear of living quarters.

# **SECTION 15: Regulatory information**

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

**EU** regulatory information



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Restrictions on use (REACH, annex XVII):

Entry 3, Entry 29, Entry 40

2004/42/EC (VOC): 63,87 %

524,4 q/l

Information according to 2012/18/EU

P3a FLAMMABLE AEROSOLS

(SEVESO III):

## **Additional information**

Observe in addition any national regulations!

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to

chemical agents at work

### **National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or

nursing mothers.

Water hazard class (D): 2 - obviously hazardous to water

Additional information

This mixture contains the following substances of very high concern (SVHC) which are included in the

Candidate List according to Article 59 of REACH: none

# 15.2. Chemical safety assessment

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

### **SECTION 16: Other information**

### 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%

Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification          | Classification procedure      |
|-------------------------|-------------------------------|
| Aerosol 1; H222-H229    | On basis of test data         |
| Asp. Tox. 1; H304       | Calculation method            |
| Eye Irrit. 2; H319      | Bridging principle "Aerosols" |
| STOT SE 3; H336         | Bridging principle "Aerosols" |
| Aquatic Chronic 3; H412 | Calculation method            |

# Relevant H and EUH statements (number and full text)

| H220 | Extremely flammable gas.            |
|------|-------------------------------------|
| H222 | Extremely flammable aerosol.        |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour.        |

H229 Pressurised container: May burst if heated.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.



according to UK REACH Regulation

|                           | DEKAPHON 9735                                    |               |
|---------------------------|--|---------------|
| Revision date: 13.01.2021 | Product code: 21707                              | Page 14 of 14 |
| H319                      | Causes serious eye irritation.                   |               |
| H331                      | Toxic if inhaled.                                |               |
| H335                      | May cause respiratory irritation.                |               |
| H336                      | May cause drowsiness or dizziness.               |               |
| H411                      | Toxic to aquatic life with long lasting effects. |               |

#### **Further Information**

H412

EUH066

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Harmful to aquatic life with long lasting effects.

Repeated exposure may cause skin dryness or cracking.

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