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# ALCON AL-94 REMOVES MOISTURE PENETRATES LUBRICATES CLEANS SPRAY

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS Ref.: ALC-09  
Date of issue: 12/12/2019 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : ALCON AL-94 REMOVES MOISTURE PENETRATES LUBRICATES CLEANS SPRAY  
Product code : M-7705 / M-7706  
Vaporizer : Aerosol  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Consumer use  
Industrial/Professional use spec : Industrial  
Use of the substance/mixture : Al-94, is a lubricating, protecting, cleaning and loosening product for general purpose maintenance applications.

##### 1.2.2. Uses advised against

No additional information available

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

ALCON ENDÜSTRİYEL ÜRÜNLER SANAYİ VE TİCARET LİMİTED ŞİRKETİ  
SOĞANLIK YENİ MAH, ALIĞA SOK. NO:8 KAT:9 DAİRE:37 Bumerang Kartal Rezidans  
34880 KARTAL / İSTANBUL - TÜRKİYE  
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[alcon@alcon.com.tr](mailto:alcon@alcon.com.tr) - [www.alcon.com.tr](http://www.alcon.com.tr)

#### 1.4. Emergency telephone number

Emergency number : +90 216 661 00 90

| Country | Organisation/Company  | Address   | Emergency number | Comment   |
|---------|---|---|------------------|---|
| Turkey  | Ulusal Zehir Merkezi (UZEM)<br>Refik Saydam Hıfzıssıhha<br>Merkezi Başkanlığı | Cemal Gürsel Cd. No: 18<br>Sıhhiye<br>Çankaya<br>06590 Ankara | 114              | Information is provided to public and medical personnel on poisoning incidents via 114. |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1 H222;H229  
Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Skin sensitisation, Category 1 H317  
Germ cell mutagenicity, Category 1B H340  
Carcinogenicity, Category 1B H350  
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause cancer. May cause genetic defects. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS07

GHS08

GHS09

Signal word (CLP)

: Danger

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|                                |   |
|--------------------------------|---|
| Hazardous ingredients          | : Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified; [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135°C to 210°C (275°F to 410°F).]; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (– 4°F to 374°F).] |
| Hazard statements (CLP)        | : H222 - Extremely flammable aerosol.<br>H229 - Pressurised container: May burst if heated.<br>H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction.<br>H319 - Causes serious eye irritation.<br>H340 - May cause genetic defects.<br>H350 - May cause cancer.<br>H411 - Toxic to aquatic life with long lasting effects.   |
| Precautionary statements (CLP) | : P201 - Obtain special instructions before use.<br>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P211 - Do not spray on an open flame or other ignition source.<br>P251 - Do not pierce or burn, even after use.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.<br>P308+P313 - IF exposed or concerned: Get medical advice/attention.   |

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier  | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|---|-------|--|
| Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities  | (CAS-No.) 8028-48-6<br>(EC-No.) 232-433-8                                 | <= 25 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411                          |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics   | (EC-No.) 919-857-5  | < 15  | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H336   |
| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve  | (CAS-No.) 111-76-2<br>(EC-No.) 203-905-0<br>(EC Index-No.) 603-014-00-0   | < 15  | Acute Tox. 4 (Inhalation), H332<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315 |
| Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified; [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135°C to 210°C (275°F to 410°F).]<br>(Note P)                         | (CAS-No.) 64742-95-6<br>(EC-No.) 265-199-0<br>(EC Index-No.) 649-356-00-4 | < 10  | Carc. 1B, H350<br>Muta. 1B, H340<br>Asp. Tox. 1, H304  |
| Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (– 4°F to 374°F).]<br>(Note P) | (CAS-No.) 64742-49-0<br>(EC-No.) 265-151-9<br>(EC Index-No.) 649-328-00-1 | < 10  | Carc. 1B, H350<br>Muta. 1B, H340<br>Asp. Tox. 1, H304  |

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|  |  |  |                          |
|--|--|--|--------------------------|
| Carbondioxide<br>substance with a Community workplace exposure limit | (CAS-No.) 124-38-9<br>(EC-No.) 204-696-9 |  | Press. Gas (Comp.), H280 |
|--|--|--|--------------------------|

Note P : The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)-P260-P262- P301 + P310-P331 (Table 3.1) or the S-phrases (2-)-23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell. Get medical advice/attention if you feel unwell.                   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.   |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.   |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : May cause drowsiness or dizziness.               |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : Eye irritation.                                  |

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

|  |   |
|--|---|
| Fire hazard                                      | : Extremely flammable aerosol.                |
| Explosion hazard                                 | : Pressurised container: May burst if heated. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.                |

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

|                         |   |
|-------------------------|---|
| For containment         | : Collect spillage.   |
| Methods for cleaning up | : Mechanically recover the product. Notify authorities if product enters sewers or public waters. |
| Other information       | : Dispose of materials or solid residues at an authorized site.                                   |

#### 6.4. Reference to other sections

For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling

: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures

: Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep cool.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)

##### EU - Occupational Exposure Limits

|                                 |                                 |
|---------------------------------|---------------------------------|
| Local name                      | 2-Butoxyethanol                 |
| IOELV TWA (mg/m <sup>3</sup> )  | 98 mg/m <sup>3</sup>            |
| IOELV TWA (ppm)                 | 20 ppm                          |
| IOELV STEL (mg/m <sup>3</sup> ) | 246 mg/m <sup>3</sup>           |
| IOELV STEL (ppm)                | 50 ppm                          |
| Notes                           | Skin                            |
| Regulatory reference            | COMMISSION DIRECTIVE 2000/39/EC |

##### Turkey - Occupational Exposure Limits

|                               |  |
|-------------------------------|--|
| Local name                    | 2-Butoksietanol                                      |
| OEL TWA (mg/m <sup>3</sup> )  | 98 mg/m <sup>3</sup>                                 |
| OEL TWA (ppm)                 | 20 ppm   |
| OEL STEL (mg/m <sup>3</sup> ) | 246 mg/m <sup>3</sup>                                |
| OEL STEL (ppm)                | 50 ppm   |
| Comments                      | Deri   |
| Regulatory reference          | 12 Ağustos 2013 Tarihli ve 28733 Sayılı Resmî Gazete |

##### Carbondioxide (124-38-9)

##### EU - Occupational Exposure Limits

|                                |                                 |
|--------------------------------|---------------------------------|
| Local name                     | Carbon dioxide                  |
| IOELV TWA (mg/m <sup>3</sup> ) | 9000 mg/m <sup>3</sup>          |
| IOELV TWA (ppm)                | 5000 ppm                        |
| Regulatory reference           | COMMISSION DIRECTIVE 2006/15/EC |

##### Turkey - Occupational Exposure Limits

|                              |                        |
|------------------------------|------------------------|
| Local name                   | Karbondioksit          |
| OEL TWA (mg/m <sup>3</sup> ) | 9000 mg/m <sup>3</sup> |
| OEL TWA (ppm)                | 5000 ppm               |

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### Carbondioxide (124-38-9)

Regulatory reference

12 Ağustos 2013 Tarihli ve 28733 Sayılı Resmî Gazete

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protective equipment:

Heatproof clothing. Protective goggles. Gloves.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s):



#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |   |
|--|---|
| Physical state                             | : Liquid                                      |
| Appearance                                 | : Liquid.                                     |
| Colour                                     | : Colourless.                                 |
| Odour                                      | : characteristic.                             |
| Odour threshold                            | : No data available                           |
| pH   | : No data available                           |
| Relative evaporation rate (butylacetate=1) | : No data available                           |
| Melting point                              | : Not applicable.                             |
| Freezing point                             | : No data available                           |
| Boiling point                              | : No data available                           |
| Flash point                                | : No data available                           |
| Auto-ignition temperature                  | : No data available                           |
| Decomposition temperature                  | : No data available                           |
| Flammability (solid, gas)                  | : Extremely flammable aerosol.                |
| Vapour pressure                            | : No data available                           |
| Relative vapour density at 20 °C           | : No data available                           |
| Relative density                           | : No data available                           |
| Solubility                                 | : No data available                           |
| Log Pow                                    | : No data available                           |
| Viscosity, kinematic                       | : No data available                           |
| Viscosity, dynamic                         | : No data available                           |
| Explosive properties                       | : Pressurised container: May burst if heated. |
| Oxidising properties                       | : No data available                           |
| Explosive limits                           | : No data available                           |

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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

|                    |  |
|--------------------|--|
| LD50 dermal rat    | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)     |
| LD50 dermal rabbit | >= 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

#### Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities (8028-48-6)

|                    |  |
|--------------------|--|
| LD50 oral rat      | > 5000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: other:Federal Hazardous Substance Act (FHSA)        |
| LD50 dermal rabbit | > 5000 mg/kg bodyweight Animal: rabbit, Animal sex: female, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:Federal Hazardous Substance Act (FHSA) |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Causes skin irritation.              |
| Serious eye damage/irritation     | : Causes serious eye irritation.       |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity            | : May cause genetic defects.           |
| Carcinogenicity                   | : May cause cancer.                    |
| Reproductive toxicity             | : Not classified                       |
| STOT-single exposure              | : Not classified                       |
| STOT-repeated exposure            | : Not classified                       |
| Aspiration hazard                 | : Not classified                       |

#### ALCON AL-94 REMOVES MOISTURE PENETRATES LUBRICATES CLEANS SPRAY

|           |         |
|-----------|---------|
| Vaporizer | Aerosol |
|-----------|---------|

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN






| ADR   | IMDG  | IATA   | ADN   | RID   |
|---|---|--|---|---|
| <b>14.1. UN number</b>  |   |  |   |   |
| UN 1950   | UN 1950   | UN 1950  | UN 1950   | UN 1950   |
| <b>14.2. UN proper shipping name</b>  |   |  |   |   |
| AEROSOLS<br>(Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (– 4°F to 374°F).]) | AEROSOLS<br>(Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (– 4°F to 374°F).]) | Aerosols, flammable<br>(Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (– 4°F to 374°F).]) | AEROSOLS<br>(Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (– 4°F to 374°F).]) | AEROSOLS<br>(Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (– 4°F to 374°F).]) |



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| Transport document description   |  |  |   |   |
|--|--|--|---|---|
| <p>UN 1950 AEROSOLS (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (- 4°F to 374°F.)), 2.1, (D), ENVIRONMENTALLY HAZARDOUS</p> | <p>UN 1950 AEROSOLS (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (- 4°F to 374°F.)), 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS</p> | <p>UN 1950 Aerosols, flammable (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (- 4°F to 374°F.)), 2.1, ENVIRONMENTALLY HAZARDOUS</p> | <p>UN 1950 AEROSOLS (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (- 4°F to 374°F.)), 2.1, ENVIRONMENTALLY HAZARDOUS</p> | <p>UN 1950 AEROSOLS (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics ; Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities ; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (- 4°F to 374°F.)), 2.1, ENVIRONMENTALLY HAZARDOUS</p> |
| 14.3. Transport hazard class(es)   |  |  |   |   |
| 2.1  | 2.1  | 2.1  | 2.1   | 2.1   |
|   |   |   |   |    |
| 14.4. Packing group  |  |  |   |   |
| Not applicable   | Not applicable   | Not applicable   | Not applicable  | Not applicable  |
| 14.5. Environmental hazards  |  |  |   |   |
| Dangerous for the environment : Yes  | Dangerous for the environment : Yes<br>Marine pollutant : Yes  | Dangerous for the environment : Yes  | Dangerous for the environment : Yes   | Dangerous for the environment : Yes   |
| No supplementary information available   |  |  |   |   |

### 14.6. Special precautions for user

#### Overland transport

|   |                      |
|---|----------------------|
| Classification code (ADR)   | : 5F                 |
| Special provisions (ADR)  | : 190, 327, 344, 625 |
| Limited quantities (ADR)  | : 1I                 |
| Excepted quantities (ADR)   | : E0                 |
| Packing instructions (ADR)  | : P207, LP200        |
| Special packing provisions (ADR)  | : PP87, RR6, L2      |
| Mixed packing provisions (ADR)  | : MP9                |
| Transport category (ADR)  | : 2                  |
| Special provisions for carriage - Packages (ADR)                        | : V14                |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV9, CV12          |
| Special provisions for carriage - Operation (ADR)                       | : S2                 |
| Tunnel restriction code (ADR)   | : D                  |



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### Transport by sea

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Special provisions (IMDG)         | : 63, 190, 277, 327, 344, 381, 959 |
| Packing instructions (IMDG)       | : P207, LP200                      |
| Special packing provisions (IMDG) | : PP87, L2                         |
| EmS-No. (Fire)                    | : F-D                              |
| EmS-No. (Spillage)                | : S-U                              |
| Stowage category (IMDG)           | : None                             |
| Stowage and handling (IMDG)       | : SW1, SW22                        |
| Segregation (IMDG)                | : SG69                             |

### Air transport

|  |                    |
|--|--------------------|
| PCA Excepted quantities (IATA)               | : E0               |
| PCA Limited quantities (IATA)                | : Y203             |
| PCA limited quantity max net quantity (IATA) | : 30kgG            |
| PCA packing instructions (IATA)              | : 203              |
| PCA max net quantity (IATA)                  | : 75kg             |
| CAO packing instructions (IATA)              | : 203              |
| CAO max net quantity (IATA)                  | : 150kg            |
| Special provisions (IATA)                    | : A145, A167, A802 |
| ERG code (IATA)                              | : 10L              |

### Inland waterway transport

|                                   |                      |
|-----------------------------------|----------------------|
| Classification code (ADN)         | : 5F                 |
| Special provisions (ADN)          | : 190, 327, 344, 625 |
| Limited quantities (ADN)          | : 1 L                |
| Excepted quantities (ADN)         | : E0                 |
| Equipment required (ADN)          | : PP, EX, A          |
| Ventilation (ADN)                 | : VE01, VE04         |
| Number of blue cones/lights (ADN) | : 1                  |

### Rail transport

|   |                      |
|---|----------------------|
| Classification code (RID)   | : 5F                 |
| Special provisions (RID)  | : 190, 327, 344, 625 |
| Limited quantities (RID)  | : 1L                 |
| Excepted quantities (RID)   | : E0                 |
| Packing instructions (RID)  | : P207, LP200        |
| Special packing provisions (RID)  | : PP87, RR6, L2      |
| Mixed packing provisions (RID)  | : MP9                |
| Transport category (RID)  | : 2                  |
| Special provisions for carriage – Packages (RID)                        | : W14                |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW9, CW12          |
| Colis express (express parcels) (RID)                                   | : CE2                |
| Hazard identification number (RID)                                      | : 23                 |

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

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### 15.1.2. National regulations

#### Germany

Reference to AwSV : Water hazard class (WGK) 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

#### Netherlands

ABM category : Z(1) - non biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/ reprotoxicity/bioacumulative potential/ toxicity or persistence)

SZW-lijst van kankerverwekkende stoffen : Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified; [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135°C to 210°C (275°F to 410°F).],Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities,Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (- 4°F to 374°F).] are listed

SZW-lijst van mutagene stoffen : Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified; [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135°C to 210°C (275°F to 410°F).],Essential oil of orange obtained from the peel of Citrus sinensis (Rutaceae) by expression and/or distillation, including cold pressed, distilled, terpenes and essence qualities,Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained by treating a petroleum fraction With hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (- 4°F to 374°F).] are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product  
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| EC50                        | Median effective concentration  |
| IARC                        | International Agency for Research on Cancer   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |

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|       |   |
|-------|---|
| LD50  | Median lethal dose  |
| LOAEL | Lowest Observed Adverse Effect Level  |
| NOAEC | No-Observed Adverse Effect Concentration  |
| NOAEL | No-Observed Adverse Effect Level  |
| NOEC  | No-Observed Effect Concentration  |
| OECD  | Organisation for Economic Co-operation and Development  |
| PBT   | Persistent Bioaccumulative Toxic  |
| PNEC  | Predicted No-Effect Concentration   |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS   | Safety Data Sheet   |
| STP   | Sewage treatment plant  |
| TLM   | Median Tolerance Limit  |
| vPvB  | Very Persistent and Very Bioaccumulative  |

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                                    |
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                                    |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                      |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment — Chronic Hazard, Category 2      |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |
| Carc. 1B                            | Carcinogenicity, Category 1B   |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                          |
| Flam. Liq. 3                        | Flammable liquids, Category 3  |
| Muta. 1B                            | Germ cell mutagenicity, Category 1B                                    |
| Press. Gas (Comp.)                  | Gases under pressure : Compressed gas                                  |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                                  |
| Skin Sens. 1                        | Skin sensitisation, Category 1   |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H222                                | Extremely flammable aerosol.   |
| H226                                | Flammable liquid and vapour.   |
| H229                                | Pressurised container: May burst if heated.                            |
| H280                                | Contains gas under pressure; may explode if heated.                    |
| H302                                | Harmful if swallowed.  |
| H304                                | May be fatal if swallowed and enters airways.                          |
| H312                                | Harmful in contact with skin.  |
| H315                                | Causes skin irritation.  |
| H317                                | May cause an allergic skin reaction.                                   |
| H319                                | Causes serious eye irritation.   |
| H332                                | Harmful if inhaled.  |
| H336                                | May cause drowsiness or dizziness.                                     |
| H340                                | May cause genetic defects.   |
| H350                                | May cause cancer.  |

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|      |  |
|------|--|
| H411 | Toxic to aquatic life with long lasting effects. |
|------|--|

SDS EU (REACH Annex II)

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