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

1.1. Product identifier
DuroSpray® DS 770 (Sprühdose 500ml)

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

Use of the substance/mixture
- Professional use.
- Adhesives, sealants

Uses advised against
- Any non-intended use.

1.3. Details of the supplier of the safety data sheet
Company name: ASK Systemklebstoffe GmbH & Co KG.
Street: Kalteiche-Ring 38
Place: D-35708 Haiger
Telephone: +49 (0) 2773 740 89-0
Fax: +49 (0) 2773 740 89-740
Email: info@ask-klebstoffe.de

Responsible Department: Dr. Gans-Eichler
Chemieberatung GmbH
Raesfeldstr. 22
D-48149 Münster

Emergency Medical Information: Poison Information Center Mainz - Tel: +49 (6131) 19240

1.4. Emergency telephone number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
- Aerosol: Aerosol 1
- Skin corrosion/irritation: Skin Irrit. 2
- Serious eye damage/eye irritation: Eye Irrit. 2
- Carcinogenicity: Carc. 2
- Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:
- Extremely flammable aerosol.
- Pressurised container: May burst if heated.
- Causes skin irritation.
- Causes serious eye irritation.
- Suspected of causing cancer.
- May cause drowsiness or dizziness.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling:
- dichloromethane, methylene chloride

Signal word: Danger

Pictograms:
Safety Data Sheet

according to Regulation (EC) No 1907/2006

DuroSpray® DS 770 (Sprühdose 500ml)

Revision date: 15.04.2019

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container to local/regional/national/international regulations.

2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
<th>GHS Classification</th>
<th>EC No</th>
<th>Index No</th>
<th>REACH No</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-09-2</td>
<td>dichloromethane, methylene chloride</td>
<td>30 - 60 %</td>
<td></td>
<td>200-838-9</td>
<td>602-004-00-3</td>
<td>01-2119480404-41</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>110-82-7</td>
<td>cyclohexane</td>
<td>&lt; 1 %</td>
<td></td>
<td>203-806-2</td>
<td>601-017-00-1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Further Information

Product does not contain listed SVHC substances > 0.1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest.
Position and transport victim on their side. In case of respiratory distress, bring into semi-upright, seated position. In case of irregular breathing or respiratory arrest provide artificial respiration. Where appropriate artificial ventilation.
In case of allergic symptoms, especially in the breathing area, seek medical advice immediately. Apply cortisone spray at early stage.
After contact with skin
After contact with skin, wash immediately with plenty of water and soap. Remove contaminated clothing immediately and dispose off safely. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with eyes
Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion
If swallowed, immediately drink: Water. Never give anything by mouth to an unconscious person or a person with cramps. Do NOT induce vomiting. Caution if victim vomits: Risk of aspiration!

4.2. Most important symptoms and effects, both acute and delayed
after ingestion: vomiting.

4.3. Indication of any immediate medical attention and special treatment needed
First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media
High power water jet.

5.2. Special hazards arising from the substance or mixture
Combustible. Vapours may form explosive mixtures with air. Can be released in case of fire: Carbon dioxide (CO2). Carbon monoxide Hydrogen chloride (HCl), phosgene.

5.3. Advice for firefighters
In case of fire: Wear self-contained breathing apparatus.

Additional information
Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains. In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Ventilate affected area.
Remove all sources of ignition. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.
Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

6.2. Environmental precautions
Do not allow to enter into surface water or drains. Explosion hazard. Eliminate leaks immediately. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up
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.
Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections
See protective measures under point 7 and 8.
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
Use only in well-ventilated areas. Take precautionary measures against static discharges. Do not spray on naked flames or any incandescent material. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.

Advice on protection against fire and explosion
Keep away from sources of ignition. - No smoking. Heating causes rise in pressure with risk of bursting.

Further information on handling
Do not pierce or burn, even after use.
Advises on general occupational hygiene refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep only in the original container in a cool, well-ventilated place.
Suitable material for floor covering: Solvent-proof.
Suitable material for Container: FKM (fluororubber), Stainless steel. PTFE.
Unsuitable materials for Container: Aluminium. PVC. Steel.

Hints on joint storage

Further information on storage conditions
Recommended storage temperature: 21°C
Do not store at temperatures over: 50°C
Protect pressurised gas bottles against overturning.

7.3. Specific end use(s)
See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibres/ml</th>
<th>Category</th>
<th>Origin</th>
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</thead>
<tbody>
<tr>
<td>110-82-7</td>
<td>Cyclohexane</td>
<td>100</td>
<td>350</td>
<td></td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>300</td>
<td>1050</td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
<tr>
<td>75-09-2</td>
<td>Dichloromethane</td>
<td>100</td>
<td>350</td>
<td></td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>300</td>
<td>1060</td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
</tbody>
</table>

Biological Monitoring Guidance Values (EH40)

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Parameter</th>
<th>Value</th>
<th>Test material</th>
<th>Sampling time</th>
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</thead>
<tbody>
<tr>
<td>75-09-2</td>
<td>Dichloromethane</td>
<td>carbon monoxide</td>
<td>30 ppm</td>
<td>end-tidal breath</td>
<td>Post shift</td>
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</table>

DNEL/DMEL values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
</tr>
</thead>
</table>

According to Regulation (EC) No 1907/2006

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<table>
<thead>
<tr>
<th>DNEL type</th>
<th>Exposure route</th>
<th>Effect</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>75-09-2</td>
<td>dichloromethane, methylene chloride</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>353 mg/m³</td>
</tr>
<tr>
<td>Worker DNEL, acute</td>
<td>inhalation</td>
<td>systemic</td>
<td>706 mg/m³</td>
</tr>
<tr>
<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>12 mg/kg bw/day</td>
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<tr>
<td>Consumer DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>88.3 mg/m³</td>
</tr>
<tr>
<td>Consumer DNEL, acute</td>
<td>inhalation</td>
<td>systemic</td>
<td>353 mg/m³</td>
</tr>
<tr>
<td>Consumer DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>5.82 mg/kg bw/day</td>
</tr>
<tr>
<td>Consumer DNEL, long-term</td>
<td>oral</td>
<td>systemic</td>
<td>0.06 mg/kg bw/day</td>
</tr>
</tbody>
</table>

**PNEC values**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Environmental compartment</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-09-2</td>
<td>dichloromethane, methylene chloride</td>
<td></td>
</tr>
<tr>
<td>Freshwater</td>
<td></td>
<td>0.31 mg/l</td>
</tr>
<tr>
<td>Marine water</td>
<td></td>
<td>0.031 mg/l</td>
</tr>
<tr>
<td>Freshwater sediment</td>
<td></td>
<td>2.57 mg/kg</td>
</tr>
<tr>
<td>Marine sediment</td>
<td></td>
<td>0.26 mg/kg</td>
</tr>
<tr>
<td>Micro-organisms in sewage treatment plants (STP)</td>
<td></td>
<td>26 mg/l</td>
</tr>
<tr>
<td>Soil</td>
<td></td>
<td>0.33 mg/kg</td>
</tr>
</tbody>
</table>

**8.2. Exposure controls**

**Appropriate engineering controls**

Provide adequate ventilation as well as local exhaustion at critical locations. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Protective and hygiene measures**

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Remove contaminated clothing immediately and dispose off safely. Wash contaminated clothing prior to re-use. Used working clothes should not be worn outside the work area. Street clothing should be stored separately from work clothing.

**Eye/face protection**

Wear safety glasses; chemical goggles (if splashing is possible).

**Hand protection**

Wear suitable gloves.

Suitable material:

FKM (fluororubber), (0.4 mm)

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

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.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Skin protection
Suitable protective clothing: Protective clothing.

Respiratory protection
With correct and proper use, and under normal conditions, breathing protection is not required.
Respiratory protection necessary at:
- exceeding exposure limit values
- insufficient ventilation.
Suitable respiratory protective equipment: Protective respiration apparatus not using surrounding air (breathing apparatus) (DIN EN 133).
Use only respiratory protection equipment with CE-symbol including four digit test number.

Environmental exposure controls
Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Aerosol
Colour: colourless - light yellow
Odour: characteristic
pH-Value: not determined

Changes in the physical state
Melting point: not determined

Explosive properties
In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.
Lower explosion limits: not determined
Upper explosion limits: not determined
Ignition temperature: not determined

Oxidizing properties
Vapour pressure: not determined
Density: 1.18 g/cm³
Water solubility: Immiscible
Viscosity / dynamic: not determined
Evaporation rate: 0.71 (Methylenechlorid)

9.2. Other information
Solid content: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity
No information available.

10.2. Chemical stability
Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions
Refer to chapter 10.5.
Heating causes rise in pressure with risk of bursting.
10.4. Conditions to avoid
- Keep away from heat. Ignition hazard.

10.5. Incompatible materials
- Aluminium.
- Alkali metals.
- Nitric acid.
- perchloric compounds.
- Alkaline earth metals.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution
- No information available.

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

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure route</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-09-2</td>
<td>dichloromethane, methylene chloride</td>
<td>oral</td>
<td>LD50</td>
<td>&gt;2000</td>
<td>Rat. OECD 401</td>
<td>ECHA Dossier</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt;2000</td>
<td>Rat. OECD 402</td>
<td>ECHA Dossier</td>
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<tr>
<td></td>
<td></td>
<td>inhalation</td>
<td>LC50</td>
<td>75 mg/l</td>
<td>Rat.</td>
<td>RTECS</td>
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<tr>
<td>110-82-7</td>
<td>cyclohexane</td>
<td>oral</td>
<td>LD50</td>
<td>&gt;5000</td>
<td>Rat</td>
<td>ECHA Dossier</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>(&gt;2000)</td>
<td>Rabbit</td>
<td>ECHA Dossier</td>
</tr>
</tbody>
</table>

Irritation and corrosivity
- Causes skin irritation.
- Causes serious eye irritation.

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

Carcinogenic/mutagenic/toxic effects for reproduction
- Suspected of causing cancer. (dichloromethane, methylene chloride)
- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- Dichloromethane:
  - Carcinogenicity: (OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies):
    - Exposure time: 24 m
    - Species: Rat
    - Results: LOAEC = 1000 ppm
  - In-vitro mutagenicity:
    - positive (with metabolic activation).
    - positive (without metabolic activation).
  - In-vivo mutagenicity:
    - OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) = negative.
- Reproductive toxicity:
  - OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)
  - Result: > 1500 ppm (Inhalation)
Developmental toxicity/teratogenicity:
(OECD Guideline 414 (Prenatal Developmental Toxicity Study)
Result: = 4300 mg/m³ (Inhalation)
Literature information: ECHA Dossier

STOT-single exposure
May cause drowsiness or dizziness. (dichloromethane, methylene chloride)

STOT-repeated exposure
Based on available data, the classification criteria are not met.
Dichloromethane:
Chronic inhalative toxicity (OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies):
Affected organs: Causes damage to liver if inhaled.
Exposure time: 24 h
Species: Rat (Sprague-Dawley)
Results: NOAEC = 200 ppm

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

Specific effects in experiment on an animal
No information available.

SECTION 12: Ecological information

### 12.1. Toxicity

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity</th>
<th>Dose</th>
<th>[h]</th>
<th>[d]</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>193 mg/l</td>
<td>96 h</td>
<td></td>
<td>Pimephales promelas</td>
<td>ECHA Dossier</td>
<td></td>
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<tr>
<td></td>
<td>Acute crustaceae toxicity</td>
<td>EC50</td>
<td>109 mg/l</td>
<td>48 h</td>
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<td>Daphnia magna</td>
<td>ECHA Dossier</td>
<td></td>
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<tr>
<td></td>
<td>Fish toxicity</td>
<td>NOEC</td>
<td>83 mg/l</td>
<td>28 d</td>
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<td>Pimephales promelas</td>
<td>ECHA Dossier</td>
<td>Inhibition of growth rate.</td>
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<tr>
<td></td>
<td>Algae toxicity</td>
<td>NOEC</td>
<td>550 mg/l</td>
<td>8 d</td>
<td></td>
<td>Microcystis</td>
<td>ECHA Dossier</td>
<td>aeruginosa</td>
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<tr>
<td></td>
<td>Acute bacteria toxicity</td>
<td>(2590 mg/l)</td>
<td></td>
<td></td>
<td>1 h</td>
<td>activated sludge</td>
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<td></td>
</tr>
<tr>
<td>110-82-7</td>
<td>cyclohexane</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td></td>
<td>(4,53)</td>
<td></td>
<td>Pimephales promelas</td>
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<td></td>
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<tr>
<td></td>
<td>Acute algae toxicity</td>
<td>E/C50</td>
<td></td>
<td>(&gt;4,425)</td>
<td></td>
<td>Pseudokirchneriella</td>
<td>ECHA Dossier</td>
<td>subcapitata</td>
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<tr>
<td></td>
<td>Acute crustaceae toxicity</td>
<td>EC50</td>
<td></td>
<td>(0,9)</td>
<td></td>
<td>Daphnia magna</td>
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<td></td>
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</table>

### 12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
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<th>Value</th>
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<th>Source</th>
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<td>75-09-2</td>
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<td></td>
<td>68%</td>
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</tr>
<tr>
<td></td>
<td>OECD 301D / EEC 92/69 annex V, C.4-E</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Easily biodegradable (concerning to the criteria of the OECD)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>OECD 301C / ISO 9408 / EEC 92/69 annex V, C.4-F</td>
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<td>9-26%</td>
<td>28</td>
<td>ECHA Dossier</td>
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<td></td>
<td>N/A Reliability Klimisch score:4</td>
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</table>

110-82-7 cyclohexane
12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
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<tr>
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BCF

<table>
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<tr>
<th>CAS No</th>
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<th>Species</th>
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<tr>
<td>75-09-2</td>
<td>dichloromethane, methylene chloride</td>
<td>2.0-5.4</td>
<td>Cyprinus carpio (250 µg/L)</td>
<td>ECHA Dossier</td>
</tr>
</tbody>
</table>

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.

Non-contaminated packages may be recycled.

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

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Waste disposal number of used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Waste disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -

Hazard label: 2.1
according to Regulation (EC) No 1907/2006

Safety Data Sheet

ASK Systemklebstoffe GmbH & Co KG.

DuroSpray® DS 770 (Sprühdose 500ml)

Revision date: 15.04.2019
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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): 2
14.4. 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): 2.1
14.4. Packing group: -
Hazard label: 2.1

Marine pollutant: NO
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): 2.1
14.4. Packing group: -
Hazard label: 2.1

Special Provisions: A145 A167 A802
Limited quantity Passenger: 30 kg G
Passenger LQ: Y203
**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

Refer to section 6-8

**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**

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 57: cyclohexane
Entry 59: dichloromethane, methylene chloride

2010/75/EU (VOC): No information available.
2004/42/EC (VOC): No information available.
Information according to 2012/18/EU (SEVESO III):
P3b FLAMMABLE AEROSOLS

Additional information

Aerosol directive (75/324/EEC) REACH 1907/2006 Appendix XVII, No (mixture): 3, 40, 59
The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juvenils 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 contaminating class (D): 2 - clearly water contaminating

**15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:
dichloromethane, methylene chloride

**SECTION 16: Other information**

**Changes**

Rev. 1.0 Initial release 22.01.2015
Rev. 2.1 - 15.04.2019, Changes in chapter: 8,10,15,16.

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route
AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen
CAS Chemical Abstracts Service
DNEL: Derived No Effect Level
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
Safety Data Sheet

according to Regulation (EC) No 1907/2006

DuroSpray® DS 770 (Sprühdose 500ml)

Revision date: 15.04.2019 Product code: Page 12 of 13

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

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerosol 1; H222-H229</td>
<td>On basis of test data</td>
</tr>
<tr>
<td>Skin Irrit. 2; H315</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Eye Irrit. 2; H319</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Carc. 2; H351</td>
<td>Calculation method</td>
</tr>
<tr>
<td>STOT SE 3; H336</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

Relevant H and EUH statements (number and full text)

- H222 Extremely flammable aerosol.
- H225 Highly flammable liquid and vapour.
- H229 Pressurised container: May burst if heated.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

Further Information

Classification according EC regulation 1272/2008 (CLP): - Classification procedure:
- Health hazards: Calculation method.
- Environmental hazards: Calculation method.
- Physical hazards: On basis of test data. and / or calculated and / or estimated.

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.

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