TI- 35 ES

Safety Data Sheet

according to Regulation (EC) No 1907/2006

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

1.1. Product identifier

TI- 35 ES

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

Use of the substance/mixture

electronic industry

Intermediate

1.3. Details of the supplier of the safety data sheet

Company name: MicroChemicals GmbH
Street: Nicolaus-Otto-Str. 39
Place: D-89079 Ulm
Telephone: +49 (0) 731 977343 0
Telex: +49 (0) 731 977343 29

1.4. Emergency telephone number:

+49 (0) 731 977343 0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard categories:

Flammable liquid: Flam. Liq. 3
Acute toxicity: Acute Tox. 4
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Dam. 1
Reproductive toxicity: Repr. 1B

Hazard Statements:

Flammable liquid and vapour.
Causes skin irritation.
Causes serious eye damage.
Harmful if inhaled.
May damage the unborn child.

2.2. Label elements

Hazardous components which must be listed on the label
ethyl DL-lactate, ethyl lactate
Imidazol

Signal word: Danger

Pictograms:

Hazard statements

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
**Precautionary statements**

- **P201** Obtain special instructions before use.
- **P280** Wear protective gloves/protective clothing/eye protection/face protection.
- **P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P308+P313** IF exposed or concerned: Get medical advice/attention.
- **P310** Immediately call a POISON CENTER/doctor.
- **P321** Specific treatment (see ... on this label).

**Special labelling of certain mixtures**

Restricted to professional users.

**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>
</tr>
</thead>
<tbody>
<tr>
<td>108-65-6</td>
<td>2-methoxy-1-methylethyl acetate</td>
<td>&gt; 60%</td>
</tr>
<tr>
<td>108-65-6</td>
<td>Bis-(5-acetyl-2,3,4-trihydroxy-phenyl)-methane, mixture of esters with 6-Diazo-5, 6-dihydro-6-oxonaphthalene-1-sulfonylchloride and 3-Diao-3, 4-dihydro-6-methoxy-4-oxonaphthalene-1-sulfonylchloride</td>
<td>&lt; 10 %</td>
</tr>
<tr>
<td>421-520-8</td>
<td>Ethyl DL-lactate, ethyl lactate</td>
<td>1 - &lt; 5 %</td>
</tr>
<tr>
<td>288-32-4</td>
<td>Imidazol</td>
<td>1 - &lt; 5 %</td>
</tr>
<tr>
<td>70657-70-4</td>
<td>2-methoxypropyl acetate</td>
<td>&lt; 1 %</td>
</tr>
</tbody>
</table>

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

- Flam. Sol. 1, Self-react. D, Aquatic Chronic 4; H228 H242 H413
- Flam. Liq. 3, STOT SE 3, Eye Dam. 1; H226 H335 H318
- Flam. Liq. 3, Repr. 1B, STOT SE 3; H226 H380D *** H335

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

**SECTION 4: First aid measures**

### 4.1. Description of first aid measures

**General information**

Remove contaminated, saturated clothing immediately. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Self-protection of the first aider.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory
arrest provide artificial respiration. Call a physician immediately.

**After contact with skin**
After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

**After contact with eyes**
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**After ingestion**
Do NOT induce vomiting. Call a physician immediately. Let water be drunken in little sips (dilution effect).

### 4.2. Most important symptoms and effects, both acute and delayed
No information available.

### 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**
Carbon dioxide (CO2), alcohol resistant foam, Extinguishing powder.

**Unsuitable extinguishing media**
Water.

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

### 5.3. Advice for firefighters
Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

**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
Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

### 6.2. Environmental precautions
Do not allow uncontrolled discharge of product into the environment. Danger of explosion.

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Collect in closed and suitable containers for disposal. Prevent spread over a wide area (e.g. by containment or oil barriers).

### 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. Never return spills in original containers for re-use. Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections
Safe handling: see section 7
Personal protection equipment: see section 8
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. Provide adequate ventilation as well as local exhaustion at critical locations. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion
Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

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. Protect against: Light

Advice on storage compatibility
Do not store together with: Oxidising agent. Pyrophoric or self-heating substances. Food and feedingstuffs.

Further information on storage conditions
Recommended storage temperature 5 - 15°C

7.3. Specific end use(s)
elctronic industry
Intermediate

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>
</tr>
</thead>
<tbody>
<tr>
<td>108-65-6</td>
<td>1-Methoxypropyl acetate</td>
<td>50</td>
<td>274</td>
<td></td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100</td>
<td>548</td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
</tbody>
</table>

DNEL/DMEL values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Exposure route</th>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-65-6</td>
<td>2-methoxy-1-methylethyl acetate</td>
<td>inhalation</td>
<td>systemic</td>
<td>33 mg/m³</td>
</tr>
<tr>
<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>54,8 mg/kg bw/day</td>
<td></td>
</tr>
<tr>
<td>288-32-4</td>
<td>Imidazol</td>
<td>inhalation</td>
<td>systemic</td>
<td>10,6 mg/m³</td>
</tr>
<tr>
<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>1,5 mg/kg bw/day</td>
<td></td>
</tr>
</tbody>
</table>
PNEC values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Environmental compartment</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-65-6</td>
<td>2-methoxy-1-methylethyl acetate</td>
<td>Freshwater</td>
<td>0,635 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine water</td>
<td>0,635 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Freshwater sediment</td>
<td>3,29 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine sediment</td>
<td>0,329 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Soil</td>
<td>0,29 mg/kg</td>
</tr>
<tr>
<td>288-32-4</td>
<td>Imidazol</td>
<td>Freshwater</td>
<td>0,13 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine water</td>
<td>0,013 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Freshwater sediment</td>
<td>0,0336 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine sediment</td>
<td>0,0336 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Soil</td>
<td>0,0425 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Micro-organisms in sewage treatment plants (STP)</td>
<td>10 mg/l</td>
</tr>
</tbody>
</table>

Additional advice on limit values

Y: A risk of reproductive effects needs not to be feared if the occupational exposure limit value (AGW) and the biological limit value (BGW) is kept

8.2. Exposure controls

Appropriate engineering controls
If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures
Remove contaminated, saturated clothing immediately. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes.

Eye/face protection
Suitable eye protection: Tightly sealed safety glasses.

Hand protection
Breakthrough time (maximum wearing time): >10min
Thickness of the glove material: > 0,4mm
By short-term hand contact: NBR (Nitrile rubber)

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
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MicroChemicals GmbH

according to Regulation (EC) No 1907/2006

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Product code: 96
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**Skin protection**
Wear suitable protective clothing.

**Respiratory protection**
Respiratory protection necessary at: insufficient exhaust, prolonged exposure

**Environmental exposure controls**
Do not allow to enter into surface water or drains.

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**SECTION 9: Physical and chemical properties**

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>red brown</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic (ester)</td>
</tr>
</tbody>
</table>

**Test method**

<table>
<thead>
<tr>
<th>Property</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH-Value</td>
<td>not determined</td>
</tr>
</tbody>
</table>

**Changes in the physical state**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point</td>
<td>not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>145 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>42 °C DIN 51755</td>
</tr>
</tbody>
</table>

**Oxidizing properties**

- Not oxidizing.

**Vapour pressure**

- (at 20 °C): 5 hPa

**Density**

- 1 g/cm³

**Water solubility**

- insoluble

**Solubility in other solvents**

- not determined

**Partition coefficient**

- not determined

**Viscosity / dynamic**

- (at 20 °C): 95 - 130 mPa·s

**Vapour density**

- not determined

**Evaporation rate**

- not determined

**9.2. Other information**

- Solid content: not determined

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**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Flammable, Ignition hazard.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**
No hazardous reaction when handled and stored according to provisions. Incompatible materials:
Oxidising substances

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

10.5. Incompatible materials
Oxidising agent, Strong acid, Base

10.6. Hazardous decomposition products
No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicocinetics, metabolism and distribution
The product has not been tested.

Acute toxicity
The product has not been tested.

ATEmix calculated
ATE (inhalative vapour) 12,71 mg/l

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-65-6</td>
<td>2-methoxy-1-methylethyl acetate</td>
<td>oral</td>
<td>LD50</td>
<td>8532 mg/kg</td>
<td>Rat</td>
<td>RTECS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>7500 mg/kg</td>
<td>Rabbit</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative (4 h) vapour</td>
<td>LC50</td>
<td>10.8 mg/l</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bis-(5-acetyl-2,3,4-trihydroxy-phenyl)-methane, mixture of esters with 6-Diazo-5, 6-dihydro-5-oxonaphthalene-1-sulfonylchloride and 3-Diazo-3, 4-dihydro-6-methoxy-4-oxonaphthalene-1-sulfonylchloride</td>
<td>oral</td>
<td>LD50</td>
<td>&gt;2000 mg/kg</td>
<td>Rat</td>
<td>OECD 401</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt;2000 mg/kg</td>
<td>Rat</td>
<td>67/548/EW, V, B.3.</td>
</tr>
<tr>
<td></td>
<td>Imidazol</td>
<td>oral</td>
<td>LD50</td>
<td>970 mg/kg</td>
<td>Rat</td>
<td>IUCLID</td>
</tr>
</tbody>
</table>

Sensitising effects
Respiratory or skin sensitisation:
Bis-(5-acetyl-2,3,4-trihydroxy-phenyl)-methane, mixture of esters with 6-Diazo-5, 6-dihydro-5-oxonaphthalene-1-sulfonylchloride and 3-Diazo-3, 4-dihydro-6-methoxy-4-oxonaphthalene-1-sulfonylchloride: Regulation (EC) No. 440/2008, Annex, B.6 (Maximisation test), Guinea pig: negative. (OECD 406)

STOT-single exposure
STOT-repeated exposure:
Bis-(5-acetyl-2,3,4-trihydroxy-phenyl)-methane, mixture of esters with 6-Diazo-5, 6-dihydro-5-oxonaphthalene-1-sulfonylchloride and 3-Diazo-3, 4-dihydro-6-methoxy-4-oxonaphthalene-1-sulfonylchloride: Rat, NOAEL: 1.000mg/kg

Carcinogenic/mutagenic/toxic effects for reproduction
Bis-(5-acetyl-2,3,4-trihydroxy-phenyl)-methane, mixture of esters with 6-Diazo-5, 6-dihydro-5-oxonaphthalene-1-sulfonylchloride and 3-Diazo-3, 4-dihydro-6-methoxy-4-oxonaphthalene-1-sulfonylchloride:

In vitro mutagenicity/genotoxicity:
OECD 471 (Ames test): positive.
Chromosomal aberrations in vitro, Hamster: negative.

In vivo mutagenicity/genotoxicity:
mouse lymphoma cells: negative.

Additional information on tests
This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]. Special hazards arising from the substance or mixture!

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity</th>
<th>Method</th>
<th>Dose</th>
<th>[h]</th>
<th>[d]</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-65-6</td>
<td>2-methoxy-1-methylethyl acetate</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>161 mg/l</td>
<td>96 h</td>
<td></td>
<td>Pimephales promelas</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>408 mg/l</td>
<td>48 h</td>
<td></td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bis-(5-acetyl-2,3,4-trihydroxy-phenyl)-methane, mixture of esters with 6-Diazo-5, 6-dihydro-5-oxonaphthalene-1-sulfonylchloride and 3-Diazo-3, 4-dihydro-6-methoxy-4-oxonaphthalene-1-sulfonylchloride</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>&gt;100 mg/l</td>
<td>96 h</td>
<td></td>
<td>Brachydanio rerio (zebra-fish)</td>
<td>OECD 203</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>ErC50</td>
<td>&gt;100 mg/l</td>
<td>72 h</td>
<td></td>
<td>Desmodesmus subspicatus</td>
<td>OECD 201</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>&gt;100 mg/l</td>
<td>48 h</td>
<td></td>
<td>Daphnia magna (Big water flea)</td>
<td>OECD 202</td>
</tr>
<tr>
<td>288-32-4</td>
<td>Imidazol</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>280 mg/l</td>
<td>96 h</td>
<td></td>
<td>Leuciscus idus (golden orfe)</td>
<td>DIN 37 412 T 15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>ErC50</td>
<td>133 mg/l</td>
<td>72 h</td>
<td></td>
<td>Scenedesmus quadricauda</td>
<td>IUCLID</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>342 mg/l</td>
<td>48 h</td>
<td></td>
<td>Daphnia magna (Big water flea) Pseudomonas putida</td>
<td>OECD-202</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute bacteria toxicity</td>
<td>(1200 mg/l)</td>
<td></td>
<td>3 h</td>
<td></td>
<td>Pseudomonas putida</td>
<td>IUCLID</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

The product has not been tested.
12.3. Bioaccumulative potential
The product has not been tested.

2-Methoxy-1-methylethylacetat: On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

Partition coefficient n-octanol/water

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-65-6</td>
<td>2-methoxy-1-methylethyl acetate</td>
<td>0.43</td>
</tr>
<tr>
<td>288-32-4</td>
<td>Imidazol</td>
<td>-0.02</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
The product has not been tested.

2-Methoxy-1-methylethylacetat: Koc.1,7

12.5. Results of PBT and vPvB assessment
The product has not been tested.

2-Methoxy-1-methylethylacetat: The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects
No information available.

Further information
Avoid release to the environment. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Advice on disposal
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging
This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (2-Methoxy-1-methylethylacetat)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3

Classification code: F1
Special Provisions: 274 601 640E
Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 30
Tunnel restriction code: D/E

Inland waterways transport (ADN)
14.1. UN number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (2-Methoxy-1-methylethylacetat)
14.3. Transport hazard class(es): 3
14.4. Packing group: III

Marine transport (IMDG)
14.1. UN number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (2-Methoxy-1-methylethylacetat)
14.3. Transport hazard class(es): 3
14.4. Packing group: III

Air transport (ICAO)
14.1. UN number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (2-Methoxy-1-methylethylacetat)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
### 14.5. Environmental hazards

**ENVIRONMENTALLY HAZARDOUS:** no

### 14.6. Special precautions for user

No information available.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 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**

- 2010/75/EU (VOC): 94 % (940 g/l)
- 2004/42/EC (VOC): 94,285 % (942,85 g/l)

**Additional information**


**National regulatory information**

- Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.
- Water contaminating class (D): 1 - slightly water contaminating

**Additional information**

REACH ANNEX XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES:

- Imidazol, 2-methoxypropyl acetate

#### 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
- 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%

**Relevant H- and EUH-phrases (Number and full text)**

- **H226** Flammable liquid and vapour.
- **H228** Flammable solid.
- **H242** Heating may cause a fire.
Safety Data Sheet

according to Regulation (EC) No 1907/2006

H302    Harmful if swallowed.
H314    Causes severe skin burns and eye damage.
H315    Causes skin irritation.
H318    Causes serious eye damage.
H332    Harmful if inhaled.
H335    May cause respiratory irritation.
H360D   May damage the unborn child.
H413    May cause long lasting harmful effects to aquatic life.

Further Information

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.)