

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581 | Date of first issue: 29.11.2023 |
|         |                | IE/EN        |                                 |

---

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

#### 1.1 Product identifier

Trade name : MOBIHEL Primer thinner

Product code : 407581

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

Use of the Sub-stance/Mixture : PC9a Coatings and paints, thinners, paint removers

Recommended restrictions on use : Reserved for industrial and professional use.

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

Company : Helios TBLUS d.o.o.  
Količevo 65  
1230 Domžale  
Slovenia

Telephone Company : 386 (1) 722 4383

Telefax Company : 386 (1) 722 4310

Responsible/issuing person : 386 (1) 722 4383  
productsafety@helios.si

#### 1.4 Emergency telephone number

01 809 2166 National Poisons Information Centre 01 809 2166

01 809 2566 Healthcare Professionals 01 809 2566

01 809 2566 Healthcare Professionals 01 809 2566

---

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

|  |   |
|--|---|
| Flammable liquids, Category 2  | H225: Highly flammable liquid and vapour. |
| Acute toxicity, Category 4   | H302: Harmful if swallowed.               |
| Skin irritation, Category 2  | H315: Causes skin irritation.             |
| Serious eye damage, Category 1   | H318: Causes serious eye damage.          |
| Specific target organ toxicity - single exposure, Category 3, Respiratory system | H335: May cause respiratory irritation.   |
| Specific target organ toxicity - single ex-                                      | H336: May cause drowsiness or dizziness.  |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

Version  
1.0

Revision Date:  
29.11.2023

SDS Number:  
MAT000407581  
IE/EN

Date of last issue: -  
Date of first issue: 29.11.2023

posure, Category 3, Central nervous system

Specific target organ toxicity - repeated exposure, Category 2

Aspiration hazard, Category 1

H373: May cause damage to organs through prolonged or repeated exposure.

H304: May be fatal if swallowed and enters airways.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word :

Danger

Hazard statements :

H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements :

#### Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe mist or vapours.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

#### Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

#### Hazardous components which must be listed on the label:

reaction mixture of ethylbenzene, m-xylene and p-xylene  
butan-1-ol

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

Version  
1.0

Revision Date:  
29.11.2023

SDS Number:  
MAT000407581  
IE/EN

Date of last issue: -  
Date of first issue: 29.11.2023

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Components

| Chemical name   | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number    | Classification   | Concentration<br>(% w/w) |
|---|--|--|--------------------------|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | -<br><br>905-562-9<br>01-2119555267-33                   | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>STOT SE 3; H335<br>(Respiratory system)<br>STOT RE 2; H373<br>Asp. Tox. 1; H304 | >= 30 - < 50             |
| butan-1-ol  | 71-36-3<br>200-751-6<br>603-004-00-6<br>01-2119484630-38 | Flam. Liq. 3; H226<br>Acute Tox. 4; H302<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H336<br>(Central nervous system)<br>STOT SE 3; H335<br>(Respiratory system)                  | >= 30 - < 50             |
| ethanol   | 64-17-5<br>200-578-6<br>603-002-00-5<br>01-2119457610-43 | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319   | >= 20 - < 30             |

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.  
Do not leave the victim unattended.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581 | Date of first issue: 29.11.2023 |
|         |                | IE/EN        |                                 |

- |                         |   |   |
|-------------------------|---|---|
| If inhaled              | : | Consult a physician after significant exposure.<br>If unconscious, place in recovery position and seek medical advice.  |
| In case of skin contact | : | If skin irritation persists, call a physician.<br>If on skin, rinse well with water.<br>If on clothes, remove clothes.  |
| In case of eye contact  | : | Small amounts splashed into eyes can cause irreversible tissue damage and blindness.<br>In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>Continue rinsing eyes during transport to hospital.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed            | : | Keep respiratory tract clear.<br>Do NOT induce vomiting.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Take victim immediately to hospital.  |

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

- |       |   |  |
|-------|---|--|
| Risks | : | Harmful if swallowed.<br>May be fatal if swallowed and enters airways.<br>Causes skin irritation.<br>Causes serious eye damage.<br>May cause respiratory irritation.<br>May cause drowsiness or dizziness.<br>May cause damage to organs through prolonged or repeated exposure. |
|-------|---|--|

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

- |           |   |                        |
|-----------|---|------------------------|
| Treatment | : | Treat symptomatically. |
|-----------|---|------------------------|

---

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- |                                |   |   |
|--------------------------------|---|---|
| Suitable extinguishing media   | : | Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical |
| Unsuitable extinguishing media | : | High volume water jet   |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |                       |                                 |
|---------|----------------|-----------------------|---------------------------------|
| Version | Revision Date: | SDS Number:           | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581<br>IE/EN | Date of first issue: 29.11.2023 |

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

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

Version  
1.0

Revision Date:  
29.11.2023

SDS Number:  
MAT000407581  
IE/EN

Date of last issue: -  
Date of first issue: 29.11.2023

- Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Container may be opened only under exhaust ventilation hood.  
Open drum carefully as content may be under pressure.  
To avoid spills during handling keep bottle on a metal tray.  
Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.
- Hygiene measures : When using do not eat or drink. When using do not smoke.  
Wash hands before breaks and at the end of workday.

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

- Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

- Specific use(s) : For further information, refer to the product technical data sheet.
- Consult the technical guidelines for the use of this substance/mixture.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components  | CAS-No.   | Value type (Form of exposure) | Control parameters              | Basis  |
|---|-----------|-------------------------------|---------------------------------|--------|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | 1330-20-7 | OELV - 8 hrs (TWA)            | 50 ppm<br>221 mg/m <sup>3</sup> | IE OEL |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

Version  
1.0

Revision Date:  
29.11.2023

SDS Number:  
MAT000407581  
IE/EN

Date of last issue: -  
Date of first issue: 29.11.2023

|            |   |                      |                                  |            |
|------------|---|----------------------|----------------------------------|------------|
|            | Further information: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body |                      |                                  |            |
|            |   | OELV - 15 min (STEL) | 100 ppm<br>442 mg/m <sup>3</sup> | IE OEL     |
|            | Further information: Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body |                      |                                  |            |
|            |   | TWA                  | 50 ppm<br>221 mg/m <sup>3</sup>  | 2000/39/EC |
|            | Further information: Identifies the possibility of significant uptake through the skin, Indicative  |                      |                                  |            |
|            |   | STEL                 | 100 ppm<br>442 mg/m <sup>3</sup> | 2000/39/EC |
|            | Further information: Identifies the possibility of significant uptake through the skin, Indicative  |                      |                                  |            |
| butan-1-ol | 71-36-3   | OELV - 8 hrs (TWA)   | 20 ppm                           | IE OEL     |
| ethanol    | 64-17-5   | OELV - 15 min (STEL) | 1,000 ppm                        | IE OEL     |

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name  | End Use   | Exposure routes | Potential health effects   | Value                    |
|---|-----------|-----------------|----------------------------|--------------------------|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | Workers   | Inhalation      | Long-term systemic effects | 77 mg/m <sup>3</sup>     |
|   | Consumers | Inhalation      | Long-term local effects    | 65.3 mg/m <sup>3</sup>   |
|   | Workers   | Inhalation      | Acute systemic effects     | 442 mg/m <sup>3</sup>    |
|   | Workers   | Inhalation      | Acute local effects        | 289 mg/m <sup>3</sup>    |
|   | Consumers | Inhalation      | Acute systemic effects     | 260 mg/m <sup>3</sup>    |
|   | Workers   | Inhalation      | Long-term local effects    | 221 mg/m <sup>3</sup>    |
|   | Consumers | Inhalation      | Long-term systemic effects | 14.8 mg/m <sup>3</sup>   |
|   | Consumers | Inhalation      | Acute local effects        | 260 mg/m <sup>3</sup>    |
|   | Consumers | Dermal          | Long-term systemic effects | 108 mg/kg bw/day         |
|   | Consumers | Oral            | Long-term systemic effects | 16 mg/kg bw/day          |
|   | Workers   | Dermal          | Long-term systemic effects | 180 mg/kg bw/day         |
|   | Workers   | Inhalation      | Long-term local effects    | 310 mg/m <sup>3</sup>    |
| butan-1-ol  | Consumers | Inhalation      | Long-term systemic effects | 55.357 mg/m <sup>3</sup> |
|   | Consumers | Inhalation      | Long-term local effects    | 155 mg/m <sup>3</sup>    |
|   | Consumers | Dermal          | Long-term systemic effects | 3.125 mg/kg bw/day       |
|   | Consumers | Oral            | Long-term systemic         | 1.562 mg/kg              |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

Version  
1.0

Revision Date:  
29.11.2023

SDS Number:  
MAT000407581  
IE/EN

Date of last issue: -  
Date of first issue: 29.11.2023

|         |           |            | effects                    | bw/day           |
|---------|-----------|------------|----------------------------|------------------|
| ethanol | Workers   | Inhalation | Long-term systemic effects | 950 mg/m3        |
|         | Consumers | Inhalation | Acute local effects        | 950 mg/m3        |
|         | Workers   | Inhalation | Acute local effects        | 1900 mg/m3       |
|         | Consumers | Inhalation | Long-term systemic effects | 114 mg/m3        |
|         | Consumers | Oral       | Long-term systemic effects | 87 mg/kg bw/day  |
|         | Workers   | Dermal     | Long-term systemic effects | 343 mg/kg bw/day |
|         | Consumers | Dermal     | Long-term systemic effects | 206 mg/kg bw/day |

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name  | Environmental Compartment | Value                          |
|---|---------------------------|--------------------------------|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | Soil                      | 2.31 mg/kg dry weight (d.w.)   |
|   | Marine water              | 0.327 mg/l                     |
|   | Fresh water               | 0.327 mg/l                     |
|   | Marine sediment           | 12.46 mg/kg dry weight (d.w.)  |
|   | Fresh water sediment      | 12.46 mg/kg dry weight (d.w.)  |
|   | Sewage treatment plant    | 6.58 mg/l                      |
| butan-1-ol  | Intermittent use/release  | 0.327 mg/l                     |
|   | Soil                      | 0.0166 mg/kg dry weight (d.w.) |
|   | Marine water              | 0.0082 mg/l                    |
|   | Fresh water               | 0.082 mg/l                     |
|   | Marine sediment           | 0.0324 mg/kg dry weight (d.w.) |
|   | Fresh water sediment      | 0.324 mg/kg dry weight (d.w.)  |
| ethanol   | Sewage treatment plant    | 2476 mg/l                      |
|   | Intermittent use/release  | 2.25 mg/l                      |
|   | Soil                      | 0.63 mg/kg dry weight (d.w.)   |
|   | Marine water              | 0.79 mg/l                      |
|   | Fresh water               | 0.96 mg/l                      |
|   | Marine sediment           | 2.9 mg/kg dry weight (d.w.)    |
|   | Fresh water sediment      | 3.6 mg/kg dry weight (d.w.)    |
|   | Sewage treatment plant    | 580 mg/l                       |

## 8.2 Exposure controls

### Personal protective equipment

Eye/face protection : Equipment should conform to EN 166  
Eye wash bottle with pure water  
Tightly fitting safety goggles



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |                       |                                 |
|---------|----------------|-----------------------|---------------------------------|
| Version | Revision Date: | SDS Number:           | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581<br>IE/EN | Date of first issue: 29.11.2023 |

|                          |  |  |  |
|--------------------------|--|--|--|
| Hand protection          | Wear face-shield and protective suit for abnormal processing problems. |  |  |
| Gloves                   | :  | Viton® (> 0,6 mm; < 240 min); DIN EN374  <br>PE laminate (> 0,1 mm; < 240 min); DIN EN374  |  |
| Remarks                  | :  | The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. |  |
| Skin and body protection | :  | Impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place.  |  |
| Respiratory protection   | :  | Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Equipment should conform to EN 14387   |  |
| Filter type              | :  | Organic vapour type (A)  |  |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |   |   |
|--|---|---|
| Physical state                                   | : | liquid  |
| Colour   | : | colourless  |
| Odour  | : | solvent-like  |
| Odour Threshold                                  | : | No data available   |
| Melting point/freezing point                     | : | -114.1 °C (calculation method (principal components, lowest value)) |
| Boiling point/boiling range                      | : | 78 °C (calculation method (principal components, lowest value))     |
| Flammability                                     | : | Static-accumulating flammable liquid., Combustible Solids           |
| Upper explosion limit / Upper flammability limit | : | 19 %(V) (calculation method (principal components, highest value))  |
| Lower explosion limit / Lower flammability limit | : | 1.1 %(V) (calculation method (principal components, highest value)) |
| Flash point                                      | : | 16 °C<br>Method: ISO 3679, closed cup                               |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |                       |                                 |
|---------|----------------|-----------------------|---------------------------------|
| Version | Revision Date: | SDS Number:           | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581<br>IE/EN | Date of first issue: 29.11.2023 |

---

|  |   |   |
|--|---|---|
| Ignition temperature                   | : | 343 °C (calculation method (principal components, highest value))                                       |
| Decomposition temperature              | : | No decomposition if used as directed.<br>Hazardous decomposition products formed under fire conditions. |
| pH                                     | : | Not applicable  |
| Viscosity                              |   |   |
| Viscosity, kinematic                   | : | < 20.5 mm <sup>2</sup> /s (40 °C)   |
| Solubility(ies)                        |   |   |
| Water solubility                       | : | immiscible, partly soluble  |
| Solubility in other solvents           | : | No data available   |
| Partition coefficient: n-octanol/water | : | log Pow: 2.77 - 3.15 (calculation method (principal components, highest value))                         |
| Vapour pressure                        | : | 57.3 hPa (calculation method (principal components, highest value))<br>(20 °C)                          |
| Relative density                       | : | 0.82 (calculation method (principal components, highest value))   |
| Density                                | : | 0.828 g/cm <sup>3</sup>   |
| Relative vapour density                | : | 2.6 (calculation method (principal components, lowest value))<br>(Air = 1.0)                            |

### 9.2 Other information

|                      |   |   |
|----------------------|---|---|
| Explosives           | : | Not applicable  |
| Oxidizing properties | : | Sustains combustion   |
| Evaporation rate     | : | No data available   |
| VOC                  | : | (Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control))<br>99.37 % |

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581 | Date of first issue: 29.11.2023 |
|         |                | IE/EN        |                                 |

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : Incompatible with strong acids and bases.

### 10.6 Hazardous decomposition products

Adequate ventilation is required.

Heating can release vapours which can be ignited.

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Harmful if swallowed.

#### Product:

Acute oral toxicity : Acute toxicity estimate: 1,471 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

#### Components:

#### reaction mixture of ethylbenzene, m-xylene and p-xylene:

Acute oral toxicity : LD50 Oral (Rat):  $\geq 8,700$  mg/kg

Acute inhalation toxicity : LC50 (Rat): 27.14 mg/l  
Test atmosphere: vapour

Acute dermal toxicity : Assessment: The component/mixture is moderately toxic after single contact with skin.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

Version  
1.0

Revision Date:  
29.11.2023

SDS Number:  
MAT000407581  
IE/EN

Date of last issue: -  
Date of first issue: 29.11.2023

### butan-1-ol:

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

LD50 Oral (Rat): > 2,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

### ethanol:

Acute oral toxicity : LD50 Oral (Rat): >= 7,060 mg/kg

Acute inhalation toxicity : LC50 (Rat): >= 39 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

### Skin corrosion/irritation

Causes skin irritation.

### Product:

Remarks : Extremely corrosive and destructive to tissue.

### Components:

#### reaction mixture of ethylbenzene, m-xylene and p-xylene:

Result : irritating

### butan-1-ol:

Result : irritating

### Serious eye damage/eye irritation

Causes serious eye damage.

### Product:

Remarks : May cause irreversible eye damage.

### Components:

#### reaction mixture of ethylbenzene, m-xylene and p-xylene:

Result : Eye irritation

### butan-1-ol:

Result : Corrosive

### ethanol:

Result : Eye irritation

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

Version  
1.0

Revision Date:  
29.11.2023

SDS Number:  
MAT000407581  
IE/EN

Date of last issue: -  
Date of first issue: 29.11.2023

---

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Germ cell mutagenicity**

Not classified based on available information.

#### **Carcinogenicity**

Not classified based on available information.

#### **Reproductive toxicity**

Not classified based on available information.

#### **STOT - single exposure**

May cause respiratory irritation.

May cause drowsiness or dizziness.

#### **Components:**

##### **reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Assessment : May cause respiratory irritation.

##### **butan-1-ol:**

Assessment : May cause drowsiness or dizziness.

Assessment : May cause respiratory irritation.

#### **STOT - repeated exposure**

May cause damage to organs through prolonged or repeated exposure.

#### **Components:**

##### **reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Assessment : May cause damage to organs through prolonged or repeated exposure.

#### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

#### **Components:**

##### **reaction mixture of ethylbenzene, m-xylene and p-xylene:**

May be fatal if swallowed and enters airways.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581 | Date of first issue: 29.11.2023 |
|         |                | IE/EN        |                                 |

### 11.2 Information on other hazards

#### Endocrine disrupting properties

##### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### Further information

##### Product:

Remarks : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.  
Concentrations substantially above the TLV value may cause narcotic effects.  
Solvents may degrease the skin.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Toxicity to fish : LC50 (Fish):  $\geq 1 - 10$  mg/l  
Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia (water flea)):  $\geq 1 - 10$  mg/l  
Toxicity to microorganisms : EC50 (Bacteria):  $\geq 1 - 100$  mg/l

##### **butan-1-ol:**

Toxicity to fish : LC50 (Fish):  $> 1,000$  mg/l  
Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia (water flea)):  $> 1,000$  mg/l  
Toxicity to microorganisms : EC50 (Bacteria):  $> 1,000$  mg/l

##### **ethanol:**

Toxicity to fish : LC50 (Fish):  $\geq 13,500$  mg/l  
Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia (water flea)):  $\geq 5,000$  mg/l

### 12.2 Persistence and degradability

#### Components:

##### **reaction mixture of ethylbenzene, m-xylene and p-xylene:**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581 | Date of first issue: 29.11.2023 |
|         |                | IE/EN        |                                 |

Biodegradability : Readily biodegradable.

Photodegradation : Decomposes rapidly in contact with light.

### 12.3 Bioaccumulative potential

#### Components:

##### **reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Bioaccumulation : Bioconcentration factor (BCF): 25.9  
Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: 2.77 - 3.15

##### **butan-1-ol:**

Partition coefficient: n-octanol/water : log Pow: 0.785

##### **ethanol:**

Partition coefficient: n-octanol/water : log Pow: -0.32

### 12.4 Mobility in soil

#### Components:

##### **reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Distribution among environmental compartments : Koc: 537, log Koc: 2.73  
Moderately mobile in soils  
The product evaporates from soil.

Stability in soil : Dissipation time: 23 d  
Percentage dissipation: 50 % (DT50)

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581 | Date of first issue: 29.11.2023 |
|         |                | IE/EN        |                                 |

### 12.7 Other adverse effects

#### Product:

Additional ecological information : No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

|                        |  |
|------------------------|--|
| Product                | : Do not dispose of waste into sewer.<br>Do not contaminate ponds, waterways or ditches with chemical or used container.<br>Send to a licensed waste management company.   |
| Contaminated packaging | : Empty remaining contents.<br>Dispose of as unused product.<br>Do not re-use empty containers.<br>Do not burn, or use a cutting torch on, the empty drum.   |
| Waste Code             | : 08 00 00, WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS<br>08 01 00, wastes from MFSU and removal of paint and varnish<br>08 01 11, waste paint and varnish containing organic solvents or other hazardous substances<br>15 00 00, WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED<br>15 01 00, packaging (including separately collected municipal packaging waste)<br>15 01 10, packaging containing residues of or contaminated by hazardous substances<br>HP3, Flammable<br>HP4, Irritant - skin irritation and eye damage<br>HP5, Specific Target Organ Toxicity (STOT)/Aspiration Toxicity<br>HP6, Acute Toxicity |

## SECTION 14: Transport information

### 14.1 UN number or ID number

|      |           |
|------|-----------|
| ADN  | : UN 1263 |
| ADR  | : UN 1263 |
| RID  | : UN 1263 |
| IMDG | : UN 1263 |
| IATA | : UN 1263 |



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581 | Date of first issue: 29.11.2023 |
|         |                | IE/EN        |                                 |

### 14.2 UN proper shipping name

|             |   |                        |
|-------------|---|------------------------|
| <b>ADN</b>  | : | PAINT RELATED MATERIAL |
| <b>ADR</b>  | : | PAINT RELATED MATERIAL |
| <b>RID</b>  | : | PAINT RELATED MATERIAL |
| <b>IMDG</b> | : | PAINT RELATED MATERIAL |
| <b>IATA</b> | : | Paint related material |

### 14.3 Transport hazard class(es)

|             | Class | Subsidiary risks |
|-------------|-------|------------------|
| <b>ADN</b>  | : 3   |                  |
| <b>ADR</b>  | : 3   |                  |
| <b>RID</b>  | : 3   |                  |
| <b>IMDG</b> | : 3   |                  |
| <b>IATA</b> | : 3   |                  |

### 14.4 Packing group

|                                      |                     |
|--------------------------------------|---------------------|
| <b>ADN</b>                           |                     |
| Packing group                        | : II                |
| Classification Code                  | : F1                |
| Hazard Identification Number         | : 33                |
| Labels                               | : 3                 |
| <b>ADR</b>                           |                     |
| Packing group                        | : II                |
| Classification Code                  | : F1                |
| Hazard Identification Number         | : 33                |
| Labels                               | : 3                 |
| Tunnel restriction code              | : (D/E)             |
| <b>RID</b>                           |                     |
| Packing group                        | : II                |
| Classification Code                  | : F1                |
| Hazard Identification Number         | : 33                |
| Labels                               | : 3                 |
| <b>IMDG</b>                          |                     |
| Packing group                        | : II                |
| Labels                               | : 3                 |
| EmS Code                             | : F-E, <u>S-E</u>   |
| <b>IATA (Cargo)</b>                  |                     |
| Packing instruction (cargo aircraft) | : 364               |
| Packing instruction (LQ)             | : Y341              |
| Packing group                        | : II                |
| Labels                               | : Flammable Liquids |
| <b>IATA (Passenger)</b>              |                     |
| Packing instruction (passen-         | : 353               |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |                       |                                 |
|---------|----------------|-----------------------|---------------------------------|
| Version | Revision Date: | SDS Number:           | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581<br>IE/EN | Date of first issue: 29.11.2023 |

ger aircraft)  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Flammable Liquids

### 14.5 Environmental hazards

#### ADN

Environmentally hazardous : no

#### ADR

Environmentally hazardous : no

#### RID

Environmentally hazardous : no

#### IMDG

Marine pollutant : no

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 75, 3

If you intend to use this product as tattoo ink, please contact your vendor.

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the : P5c FLAMMABLE LIQUIDS

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581 | Date of first issue: 29.11.2023 |
|         |                | IE/EN        |                                 |

control of major-accident hazards involving dangerous substances.

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 99.37 %

### Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

## SECTION 16: Other information

### Full text of H-Statements

|      |  |
|------|--|
| H225 | : Highly flammable liquid and vapour.                                |
| H226 | : Flammable liquid and vapour.                                       |
| H302 | : Harmful if swallowed.  |
| H304 | : May be fatal if swallowed and enters airways.                      |
| H312 | : Harmful in contact with skin.                                      |
| H315 | : Causes skin irritation.  |
| H318 | : Causes serious eye damage.   |
| H319 | : Causes serious eye irritation.                                     |
| H332 | : Harmful if inhaled.  |
| H335 | : May cause respiratory irritation.                                  |
| H336 | : May cause drowsiness or dizziness.                                 |
| H373 | : May cause damage to organs through prolonged or repeated exposure. |

### Full text of other abbreviations

|                               |  |
|-------------------------------|--|
| Acute Tox.                    | : Acute toxicity   |
| Asp. Tox.                     | : Aspiration hazard  |
| Eye Dam.                      | : Serious eye damage   |
| Eye Irrit.                    | : Eye irritation   |
| Flam. Liq.                    | : Flammable liquids  |
| Skin Irrit.                   | : Skin irritation  |
| STOT RE                       | : Specific target organ toxicity - repeated exposure   |
| STOT SE                       | : Specific target organ toxicity - single exposure   |
| 2000/39/EC                    | : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values |
| IE OEL                        | : Ireland. List of Chemical Agents and Occupational Exposure Limit Values - Schedule 1                               |
| 2000/39/EC / TWA              | : Limit Value - eight hours  |
| 2000/39/EC / STEL             | : Short term exposure limit  |
| IE OEL / OELV - 8 hrs (TWA)   | : Occupational exposure limit value (8-hour reference period)  |
| IE OEL / OELV - 15 min (STEL) | : Occupational exposure limit value (15-minute reference period)   |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 29.11.2023     | MAT000407581 | Date of first issue: 29.11.2023 |
|         |                | IE/EN        |                                 |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

|               |      |
|---------------|------|
| Flam. Liq. 2  | H225 |
| Acute Tox. 4  | H302 |
| Skin Irrit. 2 | H315 |
| Eye Dam. 1    | H318 |
| STOT SE 3     | H335 |
| STOT SE 3     | H336 |
| STOT RE 2     | H373 |
| Asp. Tox. 1   | H304 |

#### Classification procedure:

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## MOBIHEL Primer thinner

Version  
1.0

Revision Date:  
29.11.2023

SDS Number:  
MAT000407581  
IE/EN

Date of last issue: -  
Date of first issue: 29.11.2023

---

to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.