

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## M NITRO CLEANING AGENT

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 26.11.2020     | MAT000480847 | Date of first issue: 26.11.2020 |
|         |                | AT / EN      |                                 |

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

#### 1.1 Product identifier

Product code : 48084706

Trade name : M NITRO CLEANING AGENT

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

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

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

Company : HGtrade d.o.o.  
Količevo 100  
1230 Domžale  
Slovenia

Telephone Company : 01 7298 200

Responsible/issuing person : 01 7298 200  
kemijskavarnost@hgtrade.si

#### 1.4 Emergency telephone number

+43.(0)1.406 43 43 Vergiftungsinformationszentrale Österreich (24h täglich) +43.(0)1.406 43 43

### 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.                                |
| 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, Central nervous system | H336: May cause drowsiness or dizziness.                                 |
| Specific target organ toxicity - single exposure, Category 3, Respiratory system     | H335: May cause respiratory irritation.                                  |
| Specific target organ toxicity - repeated exposure, Category 2                       | H373: May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard, Category 1  | H304: May be fatal if swallowed and enters airways.                      |

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Long-term (chronic) aquatic hazard, Category 3

H412: Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

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

Hazard pictograms :



Signal word : Danger

Hazard statements :

- H225 Highly flammable liquid and vapour.
- 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.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements :

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.

#### Prevention:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- P271 Use only outdoors or in a well-ventilated area.
- 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.

#### Storage:

- P405 Store locked up.

#### Disposal:

- P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

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n-butyl acetate  
reaction mixture of ethylbenzene, m-xylene and p-xylene  
hydrocarbons, C6-C7, isoalkanes, cyclic, <5% n-hexane  
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.

## 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) |
|--|---|--|--------------------------|
| n-butyl acetate  | 123-86-4<br>204-658-1<br>607-025-00-1<br>01-2119485493-29 | Flam. Liq. 3; H226<br>STOT SE 3; H336  | >= 20 - < 30             |
| reaction mixture of ethylbenzene,<br>m-xylene and p-xylene | -<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>STOT RE 2; H373<br>Asp. Tox. 1; H304 | >= 20 - < 30             |
| hydrocarbons, C6-C7, isoalkanes,<br>cyclic, <5% n-hexane   | -<br>01-2119486291-36                                     | Flam. Liq. 2; H225<br>STOT SE 3; H336<br>Asp. Tox. 1; H304<br>Aquatic Chronic 2;<br>H411   | >= 10 - < 20             |
| ethyl acetate  | 141-78-6<br>205-500-4<br>607-022-00-5<br>01-2119475103-46 | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336  | >= 10 - < 20             |
| 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>STOT SE 3; H335  | >= 10 - < 20             |
| 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   | >= 1 - < 10              |
| n-hexane   | 110-54-3<br>203-777-6                                     | Flam. Liq. 2; H225<br>Skin Irrit. 2; H315  | >= 0,25 - < 1            |

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|         |   |  |                 |
|---------|---|--|-----------------|
|         | 601-037-00-0<br>01-2119480412-44                          | Repr. 2; H361f<br>STOT SE 3; H336<br>STOT RE 2; H373<br>Asp. Tox. 1; H304<br>Aquatic Chronic 2;<br>H411  |                 |
| toluene | 108-88-3<br>203-625-9<br>601-021-00-3<br>01-2119471310-51 | Flam. Liq. 2; H225<br>Skin Irrit. 2; H315<br>Repr. 2; H361d<br>STOT SE 3; H336<br>STOT RE 2; H373<br>Asp. Tox. 1; H304<br>Aquatic Chronic 3;<br>H412 | >= 0,1 - < 0,25 |

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

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

Risks : May be fatal if swallowed and enters airways.  
Causes skin irritation.  
Causes serious eye damage.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
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  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during fire-fighting : Cool closed containers exposed to fire with water spray.

### 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, non-combustible vessels with product 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.

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### 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

For disposal considerations see section 13., For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

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

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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) : 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       |
|---|---|-------------------------------|------------------------------------|-------------|
| n-butyl acetate   | 123-86-4  | MAK-TMW                       | 100 ppm<br>480 mg/m <sup>3</sup>   | AT OEL      |
|   |   | MAK-KZW                       | 100 ppm<br>480 mg/m <sup>3</sup>   | AT OEL      |
| reaction mixture of ethylbenzene, m-xylene and p-xylene | 1330-20-7   | 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 |                               |                                    |             |
|   |   | MAK-TMW                       | 50 ppm<br>221 mg/m <sup>3</sup>    | AT OEL      |
|   |   | MAK-KZW                       | 100 ppm<br>442 mg/m <sup>3</sup>   | AT OEL      |
| ethyl acetate   | 141-78-6  | STEL                          | 400 ppm<br>1.468 mg/m <sup>3</sup> | 2017/164/EU |
| Further information                                     | Indicative  |                               |                                    |             |
|   |   | TWA                           | 200 ppm<br>734 mg/m <sup>3</sup>   | 2017/164/EU |
| Further information                                     | Indicative  |                               |                                    |             |
|   |   | MAK-KZW                       | 400 ppm<br>1.468 mg/m <sup>3</sup> | AT OEL      |
|   |   | MAK-TMW                       | 200 ppm<br>734 mg/m <sup>3</sup>   | AT OEL      |
| butan-1-ol  | 71-36-3   | MAK-KZW                       | 200 ppm<br>600 mg/m <sup>3</sup>   | AT OEL      |
|   |   | MAK-TMW                       | 50 ppm<br>150 mg/m <sup>3</sup>    | AT OEL      |

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|---------------------|---|---------|--------------------------------------|------------|
| ethanol             | 64-17-5   | MAK-TMW | 1.000 ppm<br>1.900 mg/m <sup>3</sup> | AT OEL     |
|                     |   | MAK-KZW | 2.000 ppm<br>3.800 mg/m <sup>3</sup> | AT OEL     |
| n-hexane            | 110-54-3  | TWA     | 20 ppm<br>72 mg/m <sup>3</sup>       | 2006/15/EC |
| Further information | Indicative  |         |                                      |            |
|                     |   | MAK-TMW | 20 ppm<br>72 mg/m <sup>3</sup>       | AT OEL     |
| Further information | See Annex IV f  |         |                                      |            |
|                     |   | MAK-KZW | 80 ppm<br>288 mg/m <sup>3</sup>      | AT OEL     |
| Further information | See Annex IV f  |         |                                      |            |
| toluene             | 108-88-3  | TWA     | 50 ppm<br>192 mg/m <sup>3</sup>      | 2006/15/EC |
| Further information | Indicative, Identifies the possibility of significant uptake through the skin |         |                                      |            |
|                     |   | STEL    | 100 ppm<br>384 mg/m <sup>3</sup>     | 2006/15/EC |
| Further information | Indicative, Identifies the possibility of significant uptake through the skin |         |                                      |            |
|                     |   | MAK-TMW | 50 ppm<br>190 mg/m <sup>3</sup>      | AT OEL     |
| Further information | See Annex IV d, Risk of skin absorption                                       |         |                                      |            |
|                     |   | MAK-KZW | 100 ppm<br>380 mg/m <sup>3</sup>     | AT OEL     |
| Further information | See Annex IV d, Risk of skin absorption                                       |         |                                      |            |

### Biological occupational exposure limits

| Substance name  | CAS-No.   | Control parameters                    | Sampling time  | Basis   |
|---|-----------|---------------------------------------|--|---------|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | 1330-20-7 | methyl hippuric acid: 1,5 g/l (Urine) | At the end of a work week / at the end of a work day / at the end of a shift | VGÜ2014 |
|   |           | xylene: 1 mg/l (Blood)                | End of workday   | VGÜ2014 |
| toluene   | 108-88-3  | o-cresol: 0,8 mg/l (Urine)            | At the end of a work week / at the end of a work day / at the end of a shift | VGÜ2014 |
|   |           | toluene: 250 µg/l (Blood)             | End of workday   | VGÜ2014 |

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

| Substance name  | End Use | Exposure routes | Potential health effects   | Value                 |
|-----------------|---------|-----------------|----------------------------|-----------------------|
| n-butyl acetate | Workers | Inhalation      | Acute systemic effects     | 600 mg/m <sup>3</sup> |
|                 | Workers | Inhalation      | Acute local effects        | 600 mg/m <sup>3</sup> |
|                 | Workers | Inhalation      | Long-term systemic effects | 48 mg/m <sup>3</sup>  |
|                 | Workers | Inhalation      | Long-term local effects    | 300 mg/m <sup>3</sup> |



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|---|-----------|------------|----------------------------|--------------------|
|   | Consumers | Inhalation | Acute systemic effects     | 300 mg/m3          |
|   | Consumers | Inhalation | Acute local effects        | 300 mg/m3          |
|   | Consumers | Inhalation | Long-term systemic effects | 12 mg/m3           |
|   | Consumers | Inhalation | Long-term local effects    | 35,7 mg/m3         |
|   | Consumers | Dermal     | Long-term systemic effects | 3,4 mg/kg bw/day   |
|   | Consumers | Dermal     | Acute systemic effects     | 6 mg/kg bw/day     |
|   | Consumers | Oral       | Long-term systemic effects | 2 mg/kg bw/day     |
|   | Consumers | Oral       | Acute systemic effects     | 2 mg/kg bw/day     |
|   | Workers   | Dermal     | Long-term systemic effects | 7 mg/kg bw/day     |
|   | Workers   | Dermal     | Acute systemic effects     | 11 mg/kg bw/day    |
| reaction mixture of ethylbenzene, m-xylene and p-xylene | Workers   | Inhalation | Long-term systemic effects | 77 mg/m3           |
|   | Consumers | Inhalation | Long-term local effects    | 65,3 mg/m3         |
|   | Workers   | Inhalation | Acute systemic effects     | 442 mg/m3          |
|   | Workers   | Inhalation | Acute local effects        | 289 mg/m3          |
|   | Consumers | Inhalation | Acute systemic effects     | 260 mg/m3          |
|   | Workers   | Inhalation | Long-term local effects    | 221 mg/m3          |
|   | Consumers | Inhalation | Long-term systemic effects | 14,8 mg/m3         |
|   | Consumers | Inhalation | Acute local effects        | 260 mg/m3          |
|   | 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   |
| hydrocarbons, C6-C7, isoalkanes, cyclic, <5% n-hexane   | Workers   | Inhalation | Long-term systemic effects | 5306 mg/m3         |
|   | Consumers | Inhalation | Long-term systemic effects | 1131 mg/m3         |
|   | Consumers | Oral       | Long-term systemic effects | 1301 mg/kg bw/day  |
|   | Workers   | Dermal     | Long-term systemic effects | 13964 mg/kg bw/day |
|   | Consumers | Dermal     | Long-term systemic effects | 1377 mg/kg bw/day  |

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|---------------|-----------|------------|----------------------------|--------------------------|
| ethyl acetate | Workers   | Inhalation | Acute systemic effects     | 1468 mg/m <sup>3</sup>   |
|               | Workers   | Inhalation | Long-term local effects    | 1468 mg/m <sup>3</sup>   |
|               | Workers   | Inhalation | Long-term systemic effects | 734 mg/m <sup>3</sup>    |
|               | Workers   | Inhalation | Long-term local effects    | 734 mg/m <sup>3</sup>    |
|               | Consumers | Inhalation | Acute systemic effects     | 734 mg/m <sup>3</sup>    |
|               | Consumers | Inhalation | Acute local effects        | 734 mg/m <sup>3</sup>    |
|               | Consumers | Inhalation | Long-term systemic effects | 367 mg/m <sup>3</sup>    |
|               | Consumers | Inhalation | Long-term local effects    | 367 mg/m <sup>3</sup>    |
|               | Workers   | Dermal     | Long-term systemic effects | 63 mg/kg bw/day          |
|               | Consumers | Dermal     | Long-term systemic effects | 37 mg/kg bw/day          |
|               | Consumers | Oral       | Long-term systemic effects | 4,5 mg/kg bw/day         |
| butan-1-ol    | Workers   | Inhalation | Long-term local effects    | 310 mg/m <sup>3</sup>    |
|               | 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 effects | 1,562 mg/kg bw/day       |
| ethanol       | Workers   | Inhalation | Long-term systemic effects | 950 mg/m <sup>3</sup>    |
|               | Consumers | Inhalation | Acute local effects        | 950 mg/m <sup>3</sup>    |
|               | Workers   | Inhalation | Acute local effects        | 1900 mg/m <sup>3</sup>   |
|               | Consumers | Inhalation | Long-term systemic effects | 114 mg/m <sup>3</sup>    |
|               | 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         |
| toluene       | Workers   | Inhalation | Long-term systemic effects | 192 mg/m <sup>3</sup>    |
|               | Workers   | Inhalation | Long-term local effects    | 192 mg/m <sup>3</sup>    |
|               | Consumers | Inhalation | Acute systemic effects     | 226 mg/m <sup>3</sup>    |
|               | Consumers | Inhalation | Acute local effects        | 226 mg/m <sup>3</sup>    |

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

| Substance name  | Environmental Compartment | Value                          |
|---|---------------------------|--------------------------------|
| n-butyl acetate   | Soil                      | 0,0903 mg/kg dry weight (d.w.) |
|   | Marine water              | 0,018 mg/l                     |
|   | Fresh water               | 0,18 mg/l                      |
|   | Marine sediment           | 0,0981 mg/kg dry weight (d.w.) |
|   | Fresh water sediment      | 0,981 mg/kg dry weight (d.w.)  |
|   | Sewage treatment plant    | 35,6 mg/l                      |
|   | Intermittent use/release  | 0,36 mg/l                      |
| 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                      |
|   | Intermittent use/release  | 0,327 mg/l                     |
| ethyl acetate   | Soil                      | 0,24 mg/kg dry weight (d.w.)   |
|   | Marine water              | 0,026 mg/l                     |
|   | Fresh water               | 0,26 mg/l                      |
|   | Marine sediment           | 0,125 mg/kg dry weight (d.w.)  |
|   | Fresh water sediment      | 1,25 mg/kg dry weight (d.w.)   |
|   | Sewage treatment plant    | 650 mg/l                       |
|   | Intermittent use/release  | 1,65 mg/l                      |
| butan-1-ol  | 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.)  |
|   | Sewage treatment plant    | 2476 mg/l                      |
|   | Intermittent use/release  | 2,25 mg/l                      |
| ethanol   | 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                       |

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| toluene | Soil                     | 2,89 mg/kg dry weight (d.w.)  |
|         | Marine water             | 0,68 mg/l                     |
|         | Fresh water              | 0,68 mg/l                     |
|         | Marine sediment          | 16,39 mg/kg dry weight (d.w.) |
|         | Fresh water sediment     | 16,39 mg/kg dry weight (d.w.) |
|         | Sewage treatment plant   | 13,61 mg/l                    |
|         | Intermittent use/release | 0,68 mg/l                     |

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : Wear a full face respirator conforming to EN136 with Type A/P2 filter or better.  
Self-contained closed-circuit breathing apparatus compressed (EN 145)  
In the case of aerosol and mist formation use an approved respirator filter (EN 141).

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : in accordance with the product description

Odour : solvent-like

Odour Threshold : No data available

pH : No data available

Melting point/freezing point : -83,6 °C (calculation method (principal components, lowest value))

Boiling point/boiling range : 77 °C (calculation method (principal components, lowest value))

Flash point : -12 °C

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|  |   |   |
|--|---|---|
| Upper explosion limit / Upper flammability limit | : | 11,3 %(V)(calculation method (principal components, highest value))   |
| Lower explosion limit / Lower flammability limit | : | 1,1 %(V)(calculation method (principal components, lowest value))   |
| Vapour pressure                                  | : | 11 kPa(calculation method (principal components, highest value))<br>(20 °C)   |
| Density  | : | 0,82 - 0,84 g/cm <sup>3</sup>   |
| Solubility(ies)                                  |   |   |
| Water solubility                                 | : | immiscible, partly soluble  |
| Solubility in other solvents                     | : | Description: miscible with most organic solvents  |
| Partition coefficient: n-octanol/water           | : | log Pow: 2,77 - 3,15 (calculation method (principal components, highest value))                                       |
| Ignition temperature                             | : | 343 °C (calculation method (principal components, lowest value))  |
| Decomposition temperature                        | : | No decomposition if stored and applied as directed.<br>Hazardous decomposition products formed under fire conditions. |
| Viscosity  |   |   |
| Viscosity, kinematic                             | : | < 20,5 mm <sup>2</sup> /s (40 °C)   |
| Oxidizing properties                             | : | Sustains combustion   |

### 9.2 Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 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.

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### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : Not applicable

### 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 toxicological effects

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 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:

##### **n-butyl acetate:**

Acute oral toxicity : LD50 Oral (Rat): >= 10.760 mg/kg

Acute dermal toxicity : LD50 (Rabbit): >= 5.000 mg/kg

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

Acute oral toxicity : LD50 Oral (Rat): >= 8.700 mg/kg

Acute inhalation toxicity : Test atmosphere: vapour  
Assessment: The component/mixture is moderately toxic after short term inhalation.

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

##### **ethyl acetate:**

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Acute oral toxicity : LD50 Oral (Rat):  $\geq 5.620$  mg/kg

Acute inhalation toxicity : LC50 (Rat): 1600 ppm  
Exposure time: 8 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit):  $\geq 20.000$  mg/kg

### 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):  $\geq 7.060$  mg/kg

Acute inhalation toxicity : LC50 (Rat):  $\geq 39$  mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

### toluene:

Acute oral toxicity : LD50 Oral (Rat):  $> 5.000$  mg/kg

Acute inhalation toxicity : LC50 (Rat):  $> 28$  mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit):  $> 5.000$  mg/kg

### Skin corrosion/irritation

Causes skin irritation.

### Product:

: Extremely corrosive and destructive to tissue.

### Components:

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

Result : irritating

#### butan-1-ol:

Result : irritating

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### **n-hexane:**

Result : irritating

### **toluene:**

Result : irritating

### **Serious eye damage/eye irritation**

Causes serious eye damage.

### **Product:**

: May cause irreversible eye damage.

### **Components:**

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

Result : Eye irritation

#### **ethyl acetate:**

Result : Eye irritation

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

Result : Corrosive

#### **ethanol:**

Result : Eye irritation

### **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.

### **Components:**

#### **n-hexane:**

Reproductive toxicity - As- : Some evidence of adverse effects on sexual function and



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assessment fertility, and/or on development, based on animal experiments.

### toluene:

Reproductive toxicity - Assessment : Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.

### STOT - single exposure

May cause respiratory irritation.  
May cause drowsiness or dizziness.

### Components:

#### n-butyl acetate:

Assessment : May cause drowsiness or dizziness.

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

Assessment : May cause respiratory irritation.

#### hydrocarbons, C6-C7, isoalkanes, cyclic, <5% n-hexane:

Assessment : May cause drowsiness or dizziness.

#### ethyl acetate:

Assessment : May cause drowsiness or dizziness.

#### butan-1-ol:

Assessment : May cause drowsiness or dizziness.

Assessment : May cause respiratory irritation.

#### n-hexane:

Assessment : May cause drowsiness or dizziness.

#### toluene:

Assessment : May cause drowsiness or dizziness.

### 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.

#### n-hexane:

Assessment : May cause damage to organs through prolonged or repeated

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exposure.

### toluene:

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.

#### hydrocarbons, C6-C7, isoalkanes, cyclic, <5% n-hexane:

May be fatal if swallowed and enters airways.

### n-hexane:

May be fatal if swallowed and enters airways.

### toluene:

May be fatal if swallowed and enters airways.

### Further information

#### Product:

: 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:

##### n-butyl acetate:

Toxicity to algae : NOEC (Desmodesmus subspicatus (green algae)): > 200 mg/l  
EC50 (Desmodesmus subspicatus (green algae)): >= 647,7 mg/l  
Exposure time: 72 h

Toxicity to microorganisms : IC50 (Tetrahymena pyriformis): 356 mg/l  
Exposure time: 40 h

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### 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

### hydrocarbons, C6-C7, isoalkanes, cyclic, <5% n-hexane:

#### Ecotoxicology Assessment

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

### 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

### n-hexane:

#### Ecotoxicology Assessment

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

### toluene:

#### Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

## 12.2 Persistence and degradability

### Components:

#### n-butyl acetate:

Biodegradability : Result: Biodegradable  
Biodegradation: 83 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301D

Stability in water : Degradation half life: 78 d  
pH: 8  
Hydrolyses slowly.

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Photodegradation : Decomposes rapidly in contact with light.

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

Biodegradability : Readily biodegradable.

Photodegradation : Decomposes rapidly in contact with light.

### 12.3 Bioaccumulative potential

#### **Components:**

##### **n-butyl acetate:**

Bioaccumulation : Bioconcentration factor (BCF): 15  
Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: 1,81

##### **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

##### **ethyl acetate:**

Partition coefficient: n-octanol/water : log Pow: 0,6

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

Partition coefficient: n-octanol/water : log Pow: 0,785

##### **ethanol:**

Partition coefficient: n-octanol/water : log Pow: -0,32

##### **toluene:**

Partition coefficient: n-octanol/water : log Pow: 2,65

### 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)

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### 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 Other adverse effects

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

|                        |  |
|------------------------|--|
| Product                | : The product should not be allowed to enter drains, water courses or the soil.<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 01 11, waste paint and varnish containing organic solvents or other hazardous substances  |

## SECTION 14: Transport information

### 14.1 UN number

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

### 14.2 UN proper shipping name

|     |                          |
|-----|--------------------------|
| ADN | : PAINT RELATED MATERIAL |
| ADR | : PAINT RELATED MATERIAL |
| RID | : PAINT RELATED MATERIAL |

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**IMDG** : PAINT RELATED MATERIAL

**IATA** : Paint related material

### 14.3 Transport hazard class(es)

**ADN** : 3

**ADR** : 3

**RID** : 3

**IMDG** : 3

**IATA** : 3

### 14.4 Packing group

#### **ADN**

Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3

#### **ADR**

Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3  
Tunnel restriction code : (D/E)

#### **RID**

Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3

#### **IMDG**

Packing group : II  
Labels : 3  
EmS Code : F-E, S-E

#### **IATA (Cargo)**

Packing instruction (cargo aircraft) : 364  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Class 3 - Flammable liquids

#### **IATA (Passenger)**

Packing instruction (passenger aircraft) : 353  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Class 3 - Flammable liquids

### 14.5 Environmental hazards

#### **ADN**

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

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 - Candidate List of Substances of Very High Concern for Authorisation (Article 59).  | : Not applicable   |
| REACH - List of substances subject to authorisation (Annex XIV)  | : Not applicable   |
| Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals                 | : 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   |
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) | : Conditions of restriction for the following entries should be considered:<br>Number on list 3<br>toluene (Number on list 48)<br>benzene (Number on list 72, 5, 29, 28) |

Fire Hazard Class : Flash point less than 21 °C, at 15 °C not miscible in water

### P5c

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P5c FLAMMABLE LIQUIDS

Water contaminating class : WGK 2 obviously hazardous to water  
(Germany) Classification according to AwSV, Annex 1 (5.2)

### Other regulations:

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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.                                 |
| H361d | : Suspected of damaging the unborn child.                            |
| H361f | : Suspected of damaging fertility.                                   |
| H373  | : May cause damage to organs through prolonged or repeated exposure. |
| H411  | : Toxic to aquatic life with long lasting effects.                   |
| H412  | : Harmful to aquatic life with long lasting effects.                 |

### Full text of other abbreviations

|                  |  |
|------------------|--|
| Acute Tox.       | : Acute toxicity   |
| Aquatic Chronic  | : Long-term (chronic) aquatic hazard   |
| Asp. Tox.        | : Aspiration hazard  |
| Eye Dam.         | : Serious eye damage   |
| Eye Irrit.       | : Eye irritation   |
| Flam. Liq.       | : Flammable liquids  |
| Repr.            | : Reproductive toxicity  |
| 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   |
| 2006/15/EC       | : Europe. Indicative occupational exposure limit values  |
| 2017/164/EU      | : Commission Directive (EU) 2017/164 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU |
| AT OEL           | : Austria. Limit values regulation - Annex I: Substance list (MAK values)  |
| VGÜ2014          | : Austria. Regulation on health surveillance in the workplace 2014   |
| 2000/39/EC / TWA | : Limit Value - eight hours  |



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|                    |   |                           |
|--------------------|---|---------------------------|
| 2000/39/EC / STEL  | : | Short term exposure limit |
| 2006/15/EC / TWA   | : | Limit Value - eight hours |
| 2006/15/EC / STEL  | : | Short term exposure limit |
| 2017/164/EU / STEL | : | Short term exposure limit |
| 2017/164/EU / TWA  | : | Limit Value - eight hours |
| AT OEL / MAK-TMW   | : | Time Weighted Average     |
| AT OEL / MAK-KZW   | : | Short Term Exposure Limit |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; 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; 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 |
| Skin Irrit. 2 | H315 |
| Eye Dam. 1    | H318 |
| STOT SE 3     | H336 |
| STOT SE 3     | H335 |
| STOT RE 2     | H373 |

#### Classification procedure:

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## M NITRO CLEANING AGENT

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.0     | 26.11.2020     | MAT000480847 | Date of first issue: 26.11.2020 |
|         |                | AT / EN      |                                 |

|                   |      |                    |
|-------------------|------|--------------------|
| Asp. Tox. 1       | H304 | Calculation method |
| Aquatic Chronic 3 | H412 | 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 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.