

## Safety Data Sheet

according to UK REACH Regulation

### NSAID mix; various concentrations in Acetonitrile/Methanol 9:1 (v/v) (Mix G)

Revision date:

Product code: NS\_MIX001-AMP

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

### 1.1. Product identifier

NSAID mix; various concentrations in Acetonitrile/Methanol 9:1 (v/v) (Mix G)

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

#### Use of the substance/mixture

Reference standard for analysis.

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

|               |                                           |                        |
|---------------|-------------------------------------------|------------------------|
| Company name: | WITEGA Laboratorien Berlin-Adlershof GmbH |                        |
| Street:       | James-Franck-Strasse 4                    |                        |
| Place:        | D-12489 Berlin                            |                        |
| Telephone:    | +493063922001                             | Telefax: +493063922007 |
| e-mail:       | witega@witega.de                          |                        |
| Internet:     | www.witega.de                             |                        |

### 1.4. Emergency telephone number:

+493063922001

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### GB CLP Regulation

Hazard Statements:  
Highly flammable liquid and vapour.  
Toxic if swallowed, in contact with skin or if inhaled.  
Causes serious eye irritation.  
Causes damage to organs.

### 2.2. Label elements

#### GB CLP Regulation

Signal word: Danger

Pictograms:



#### Hazard statements

|                |                                                         |
|----------------|---------------------------------------------------------|
| H225           | Highly flammable liquid and vapour.                     |
| H301+H311+H331 | Toxic if swallowed, in contact with skin or if inhaled. |
| H319           | Causes serious eye irritation.                          |
| H370           | Causes damage to organs.                                |

#### Precautionary statements

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P281           | Use personal protective equipment as required.                                                                                   |
| P262           | Do not get in eyes, on skin, or on clothing.                                                                                     |
| P261           | Avoid breathing dust/fume/gas/mist/vapours/spray.                                                                                |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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#### Hazardous components

| CAS No     | Chemical name                                                                                                     |              |          | Quantity    |
|------------|-------------------------------------------------------------------------------------------------------------------|--------------|----------|-------------|
|            | EC No                                                                                                             | Index No     | REACH No |             |
|            | Classification (GB CLP Regulation)                                                                                |              |          |             |
| 75-05-8    | acetonitrile; cyanomethane                                                                                        |              |          | 85 - < 90 % |
|            | 200-835-2                                                                                                         | 608-001-00-3 |          |             |
|            | Flam. Liq. 2, Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2; H225 H332 H312 H302 H319                    |              |          |             |
| 67-56-1    | methanol                                                                                                          |              |          | 5 - < 10 %  |
|            | 200-659-6                                                                                                         | 603-001-00-X |          |             |
|            | Flam. Liq. 2, Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT SE 1; H225 H331 H311 H301 H370                       |              |          |             |
| 129-20-4   | Oxyphenbutazone                                                                                                   |              |          | < 1 %       |
|            | Acute Tox. 4, Aquatic Acute 1; H302 H400                                                                          |              |          |             |
| 50-33-9    | Phenylbutazone                                                                                                    |              |          | < 1 %       |
|            | Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, STOT SE 3; H332 H312 H302 H315 H335                      |              |          |             |
| 4394-00-7  | Niflumic acid                                                                                                     |              |          | < 1 %       |
|            | Acute Tox. 3, Aquatic Chronic 4; H301 H413                                                                        |              |          |             |
| 530-78-9   | Flufenamic acid                                                                                                   |              |          | < 1 %       |
|            | Acute Tox. 3, Skin Irrit. 2, Eye Irrit. 2; H301 H315 H319                                                         |              |          |             |
| 13710-19-5 | Tolfenamic acid                                                                                                   |              |          | < 1 %       |
|            | Acute Tox. 4; H302                                                                                                |              |          |             |
| 644-62-2   | Meclofenamic acid                                                                                                 |              |          | < 1 %       |
|            | Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H301 H332 H315 H319 H335                      |              |          |             |
| 38677-85-9 | Flunixin                                                                                                          |              |          | < 1 %       |
|            | Acute Tox. 1, Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Aquatic Chronic 3; H330 H301 H312 H315 H412              |              |          |             |
| 75369-61-8 | 5-Hydroxyflunixin                                                                                                 |              |          | < 1 %       |
|            | Acute Tox. 4; H302                                                                                                |              |          |             |
| 71109-09-6 | Vedaprofen                                                                                                        |              |          | < 1 %       |
|            | 275-196-6                                                                                                         |              |          |             |
|            | Acute Tox. 4; H302                                                                                                |              |          |             |
| 61-68-7    | Mefenamic acid                                                                                                    |              |          | < 1 %       |
|            | Acute Tox. 4; H302                                                                                                |              |          |             |
| 22071-15-4 | Ketoprofen                                                                                                        |              |          | < 1 %       |
|            | Acute Tox. 3, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H301 H315 H319 H335                                         |              |          |             |
| 53716-49-7 | Carprofen                                                                                                         |              |          | < 0.1 %     |
|            | Acute Tox. 3; H301                                                                                                |              |          |             |
| 71125-38-7 | Meloxicam                                                                                                         |              |          | < 0.1 %     |
|            | Acute Tox. 3; H301                                                                                                |              |          |             |
| 15687-27-1 | Ibuprofen                                                                                                         |              |          | < 0.1 %     |
|            | Acute Tox. 4, Eye Irrit. 2, STOT SE 3; H302 H319 H335                                                             |              |          |             |
| 22204-53-1 | (+) -Naproxen                                                                                                     |              |          | < 0.1 %     |
|            | Repr. 2, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, Aquatic Chronic 2; H361fd H302 H315 H319 H335 H411 |              |          |             |
| 69-72-7    | salicylic acid                                                                                                    |              |          | < 0.1 %     |
|            | 200-712-3                                                                                                         | 607-732-00-5 |          |             |

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|------------|----------------------------------------------------|---------|
|            | Repr. 2, Acute Tox. 4, Eye Dam. 1; H361d H302 H318 |         |
| 15307-86-5 | Diclofenac                                         | < 0.1 % |
|            | Repr. 2, Acute Tox. 3, STOT RE 1; H361d H301 H372  |         |

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

#### Specific Conc. Limits, M-factors and ATE

| CAS No     | EC No     | Chemical name                                                                                                                                                                             | Quantity    |
|------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|            |           | Specific Conc. Limits, M-factors and ATE                                                                                                                                                  |             |
| 75-05-8    | 200-835-2 | acetonitrile; cyanomethane                                                                                                                                                                | 85 - < 90 % |
|            |           | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 988 mg/kg; oral: ATE = 500 mg/kg                                                         |             |
| 67-56-1    | 200-659-6 | methanol                                                                                                                                                                                  | 5 - < 10 %  |
|            |           | inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: ATE = 100 mg/kg STOT SE 1; H370: >= 10 - 100 STOT SE 2; H371: >= 3 - < 10 |             |
| 129-20-4   |           | Oxyphenbutazone                                                                                                                                                                           | < 1 %       |
|            |           | oral: ATE = 500 mg/kg                                                                                                                                                                     |             |
| 50-33-9    |           | Phenylbutazone                                                                                                                                                                            | < 1 %       |
|            |           | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: ATE = 1100 mg/kg; oral: ATE = 500 mg/kg                                                         |             |
| 4394-00-7  |           | Niflumic acid                                                                                                                                                                             | < 1 %       |
|            |           | oral: LD50 = 250 mg/kg                                                                                                                                                                    |             |
| 530-78-9   |           | Flufenamic acid                                                                                                                                                                           | < 1 %       |
|            |           | oral: LD50 = 249 mg/kg                                                                                                                                                                    |             |
| 13710-19-5 |           | Tolfenamic acid                                                                                                                                                                           | < 1 %       |
|            |           | oral: LD50 = 500 mg/kg                                                                                                                                                                    |             |
| 644-62-2   |           | Meclofenamic acid                                                                                                                                                                         | < 1 %       |
|            |           | inhalation: ATE = 11 mg/l (vapours); inhalation: LC50 = 2.8 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = 87 mg/kg                                                      |             |
| 38677-85-9 |           | Flunixin                                                                                                                                                                                  | < 1 %       |
|            |           | inhalation: ATE = 0,05 mg/l (vapours); inhalation: ATE = 0,005 mg/l (dusts or mists); dermal: ATE = 1100 mg/kg; oral: ATE = 100 mg/kg                                                     |             |
| 75369-61-8 |           | 5-Hydroxyflunixin                                                                                                                                                                         | < 1 %       |
|            |           | oral: ATE = 500 mg/kg                                                                                                                                                                     |             |
| 71109-09-6 | 275-196-6 | Vedaprofen                                                                                                                                                                                | < 1 %       |
|            |           | oral: LD50 = 222-317 mg/kg                                                                                                                                                                |             |
| 61-68-7    |           | Mefenamic acid                                                                                                                                                                            | < 1 %       |
|            |           | oral: LD50 = 740 mg/kg                                                                                                                                                                    |             |
| 22071-15-4 |           | Ketoprofen                                                                                                                                                                                | < 1 %       |
|            |           | oral: LD50 = 62 mg/kg                                                                                                                                                                     |             |
| 53716-49-7 |           | Carprofen                                                                                                                                                                                 | < 0.1 %     |
|            |           | oral: LD50 = 74 mg/kg                                                                                                                                                                     |             |
| 71125-38-7 |           | Meloxicam                                                                                                                                                                                 | < 0.1 %     |
|            |           | oral: LD50 = 84 mg/kg                                                                                                                                                                     |             |
| 15687-27-1 |           | Ibuprofen                                                                                                                                                                                 | < 0.1 %     |
|            |           | oral: LD50 = 1600 mg/kg                                                                                                                                                                   |             |
| 22204-53-1 |           | (+)-Naproxen                                                                                                                                                                              | < 0.1 %     |
|            |           | oral: LD50 = 534 mg/kg                                                                                                                                                                    |             |
| 69-72-7    | 200-712-3 | salicylic acid                                                                                                                                                                            | < 0.1 %     |
|            |           | oral: ATE = 500 mg/kg                                                                                                                                                                     |             |
| 15307-86-5 |           | Diclofenac                                                                                                                                                                                | < 0.1 %     |
|            |           | oral: LD50 = 62,5 mg/kg                                                                                                                                                                   |             |

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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

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

###### After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

###### After contact with skin

Remove contaminated, saturated clothing immediately. Subsequently wash off with: Water and soap

###### After contact with eyes

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

###### After ingestion

Rinse mouth immediately and drink plenty of water. Get immediate medical advice/attention.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps.

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

No data available

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

No data available

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

Water spray jet. Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>).

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

In case of fire may be liberated: Pyrolysis products, toxic. In case of fire and/or explosion do not breathe fumes.

##### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### SECTION 6: Accidental release measures

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

###### General advice

Use personal protection equipment. Do not breathe gas/fumes/vapour/spray.

##### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

###### Other information

Take up dust-free and set down dust-free.

##### 6.4. Reference to other sections

Disposal: see section 13

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

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#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

#### Advice on general occupational hygiene

Use personal protection equipment.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Avoid: UV-radiation/sunlight

##### Further information on storage conditions

storage temperature: 2-8°C

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

none

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

| CAS No  | Substance    | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|---------|--------------|-----|-------------------|-----------|---------------|--------|
| 75-05-8 | Acetonitrile | 40  | 68                |           | TWA (8 h)     | WEL    |
|         |              | 60  | 102               |           | STEL (15 min) | WEL    |
| 67-56-1 | Methanol     | 200 | 266               |           | TWA (8 h)     | WEL    |
|         |              | 250 | 333               |           | STEL (15 min) | WEL    |

#### 8.2. Exposure controls

##### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Eye glasses with side protection

##### Hand protection

Wear suitable gloves. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

##### Skin protection

lab coat

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### SECTION 9: Physical and chemical properties

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

|                 |            |
|-----------------|------------|
| Physical state: | Liquid     |
| Colour:         | colourless |
| Odour:          | Alcohol    |

##### Changes in the physical state

Boiling point or initial boiling point and boiling range:

No data available

Flash point:

No data available

##### Flammability

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Solid/liquid:

No data available

Gas:

No data available

#### Explosive properties

No data available

Lower explosion limits:

No data available

Upper explosion limits:

No data available

Auto-ignition temperature:

No data available

#### Self-ignition temperature

Solid:

No data available

Gas:

No data available

Decomposition temperature:

No data available

pH-Value:

No data available

Water solubility:

No data available

#### Solubility in other solvents

No data available

Partition coefficient n-octanol/water:

No data available

Vapour pressure:

No data available

Density:

No data available

Relative vapour density:

No data available

### 9.2. Other information

#### Information with regard to physical hazard classes

Oxidizing properties

No data available

#### Other safety characteristics

Evaporation rate:

No data available

#### Further Information

none

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with : Oxidising agent, Alkali (lye), Etchant and acids

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

Do not expose to temperatures exceeding 50 °C/122 °F.

### 10.5. Incompatible materials

Oxidising agent, Alkali (lye), Etchant and acids

### 10.6. Hazardous decomposition products

In case of fire may be liberated: Pyrolysis products, toxic.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in GB CLP Regulation

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#### Acute toxicity

Toxic if swallowed, in contact with skin or if inhaled.

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| CAS No     | Chemical name              |                  |         |        |        |
|------------|----------------------------|------------------|---------|--------|--------|
|            | Exposure route             | Dose             | Species | Source | Method |
| 75-05-8    | acetonitrile; cyanomethane |                  |         |        |        |
|            | oral                       | ATE 500 mg/kg    |         |        |        |
|            | dermal                     | LD50 988 mg/kg   | Rabbit  | IUCLID |        |
|            | inhalation vapour          | ATE 11 mg/l      |         |        |        |
|            | inhalation dust/mist       | ATE 1,5 mg/l     |         |        |        |
| 67-56-1    | methanol                   |                  |         |        |        |
|            | oral                       | ATE 100 mg/kg    |         |        |        |
|            | dermal                     | ATE 300 mg/kg    |         |        |        |
|            | inhalation vapour          | ATE 3 mg/l       |         |        |        |
|            | inhalation dust/mist       | ATE 0,5 mg/l     |         |        |        |
| 129-20-4   | Oxyphenbutazone            |                  |         |        |        |
|            | oral                       | ATE 500 mg/kg    |         |        |        |
| 50-33-9    | Phenylbutazone             |                  |         |        |        |
|            | oral                       | ATE 500 mg/kg    |         |        |        |
|            | dermal                     | ATE 1100 mg/kg   |         |        |        |
|            | inhalation vapour          | ATE 11 mg/l      |         |        |        |
|            | inhalation dust/mist       | ATE 1,5 mg/l     |         |        |        |
| 4394-00-7  | Niflumic acid              |                  |         |        |        |
|            | oral                       | LD50 250 mg/kg   | Rat     |        |        |
| 530-78-9   | Flufenamic acid            |                  |         |        |        |
|            | oral                       | LD50 249 mg/kg   | Rat     |        |        |
| 13710-19-5 | Tolfenamic acid            |                  |         |        |        |
|            | oral                       | LD50 500 mg/kg   | Rat     |        |        |
| 644-62-2   | Meclofenamic acid          |                  |         |        |        |
|            | oral                       | LD50 87 mg/kg    | Rat     |        |        |
|            | dermal                     | LD50 >2000 mg/kg | Rabbit  |        |        |
|            | inhalation vapour          | ATE 11 mg/l      |         |        |        |
|            | inhalation (4 h) dust/mist | LC50 2.8 mg/l    | Rat     |        |        |
| 38677-85-9 | Flunixin                   |                  |         |        |        |
|            | oral                       | ATE 100 mg/kg    |         |        |        |
|            | dermal                     | ATE 1100 mg/kg   |         |        |        |
|            | inhalation vapour          | ATE 0,05 mg/l    |         |        |        |
|            | inhalation dust/mist       | ATE 0,005 mg/l   |         |        |        |



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|            |                   |       |          |     |  |
|------------|-------------------|-------|----------|-----|--|
| 75369-61-8 | 5-Hydroxyflunixin |       |          |     |  |
|            | oral              | ATE   | 500      |     |  |
|            |                   | mg/kg |          |     |  |
| 71109-09-6 | Vedaprofen        |       |          |     |  |
|            | oral              | LD50  | 222-317  |     |  |
|            |                   | mg/kg |          |     |  |
| 61-68-7    | Mefenamic acid    |       |          |     |  |
|            | oral              | LD50  | 740      | Rat |  |
|            |                   | mg/kg |          |     |  |
| 22071-15-4 | Ketoprofen        |       |          |     |  |
|            | oral              | LD50  | 62 mg/kg | Rat |  |
|            |                   |       |          |     |  |
| 53716-49-7 | Carprofen         |       |          |     |  |
|            | oral              | LD50  | 74 mg/kg | Rat |  |
|            |                   |       |          |     |  |
| 71125-38-7 | Meloxicam         |       |          |     |  |
|            | oral              | LD50  | 84 mg/kg | Rat |  |
|            |                   |       |          |     |  |
| 15687-27-1 | Ibuprofen         |       |          |     |  |
|            | oral              | LD50  | 1600     | Rat |  |
|            |                   | mg/kg |          |     |  |
| 22204-53-1 | (+) -Naproxen     |       |          |     |  |
|            | oral              | LD50  | 534      | Rat |  |
|            |                   | mg/kg |          |     |  |
| 69-72-7    | salicylic acid    |       |          |     |  |
|            | oral              | ATE   | 500      |     |  |
|            |                   | mg/kg |          |     |  |
| 15307-86-5 | Diclofenac        |       |          |     |  |
|            | oral              | LD50  | 62,5     | Rat |  |
|            |                   | mg/kg |          |     |  |

#### Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

#### Sensitising effects

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

#### Carcinogenic/mutagenic/toxic effects for reproduction

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

#### STOT-single exposure

Causes damage to organs.

#### STOT-repeated exposure

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

#### Aspiration hazard

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

#### Specific effects in experiment on an animal

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

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| CAS No     | Chemical name              |              |           |         |                                        |        |
|------------|----------------------------|--------------|-----------|---------|----------------------------------------|--------|
|            | Aquatic toxicity           | Dose         | [h]   [d] | Species | Source                                 | Method |
| 75-05-8    | acetonitrile; cyanomethane |              |           |         |                                        |        |
|            | Acute fish toxicity        | LC50<br>mg/l | 1640      | 96 h    | Pimephales promelas                    | IUCLID |
| 22204-53-1 | (+) -Naproxen              |              |           |         |                                        |        |
|            | Acute fish toxicity        | LC50         | 52 mg/l   | 96 h    | Oncorhynchus mykiss<br>(Rainbow trout) |        |
|            | Acute crustacea toxicity   | EC50         | 37 mg/l   | 48 h    | Daphnia magna (Big<br>water flea)      |        |

#### 12.2. Persistence and degradability

No data available

#### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

#### Partition coefficient n-octanol/water

| CAS No  | Chemical name              | Log Pow |
|---------|----------------------------|---------|
| 75-05-8 | acetonitrile; cyanomethane | -0,34   |

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Dispose of waste according to applicable legislation.

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

##### Contaminated packaging

This material and its container must be disposed of as hazardous waste.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

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ENVIRONMENTALLY HAZARDOUS: No

#### **14.6. Special precautions for user**

No data available

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

No dangerous good in sense of this transport regulation.

### **SECTION 15: Regulatory information**

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

##### **EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 40, Entry 69, Entry 75

##### **National regulatory information**

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

3 - highly hazardous to water

#### **15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

### **SECTION 16: Other information**

#### **Relevant H and EUH statements (number and full text)**

|                |                                                                          |
|----------------|--------------------------------------------------------------------------|
| H225           | Highly flammable liquid and vapour.                                      |
| H301           | Toxic if swallowed.                                                      |
| H301+H311+H331 | Toxic if swallowed, in contact with skin or if inhaled.                  |
| H302           | Harmful if swallowed.                                                    |
| H311           | Toxic in contact with skin.                                              |
| H312           | Harmful in contact with skin.                                            |
| H315           | Causes skin irritation.                                                  |
| H318           | Causes serious eye damage.                                               |
| H319           | Causes serious eye irritation.                                           |
| H330           | Fatal if inhaled.                                                        |
| H331           | Toxic if inhaled.                                                        |
| H332           | Harmful if inhaled.                                                      |
| H335           | May cause respiratory irritation.                                        |
| H361d          | Suspected of damaging the unborn child.                                  |
| H361fd         | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H370           | Causes damage to organs.                                                 |
| H372           | Causes damage to organs through prolonged or repeated exposure.          |
| H400           | Very toxic to aquatic life.                                              |
| H411           | Toxic to aquatic life with long lasting effects.                         |
| H412           | Harmful to aquatic life with long lasting effects.                       |
| H413           | May cause long lasting harmful effects to aquatic life.                  |

#### **Further Information**

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship. The substances are only for R&D. Do not use as a drug, in household or other applications.

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