

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Name : HY200 Chemical Anchor Comp A  
UFI : E020-F5D9-P009-494R  
Type of product : A Chemical anchoring application  
Product group : Trade product

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Professional use, Industrial use  
Use of the substance/mixture : Construction products  
Function or use category : A Chemical anchoring application

**1.2.2. Uses advised against**

No additional information available

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

Chemfix Products Limited  
A Briolf Group Company Ctra. N-II, km 706,5  
17457 RIUDELLOTS DE LA SELVA (Girona)  
SPAIN  
T +44 (0)1924 453886/+34 872 729 763 - F +44 (0)1924 458995  
[sds@chemfix.co.uk](mailto:sds@chemfix.co.uk) - [www.chemfix.co.uk](http://www.chemfix.co.uk)

**1.4. Emergency telephone number**

Emergency number : Emergency Number Association (EENA) : 112 / UK Manufacturer +44 (0)1924 431679

| Country        | Organisation/Company                                                         | Address                           | Emergency number | Comment                           |
|----------------|------------------------------------------------------------------------------|-----------------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham | 0344 892 0111    | Only for healthcare professionals |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Skin sensitisation, Category 1 H317  
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation H335  
Full text of H- and EUH-statements: see section 16

**Adverse physicochemical, human health and environmental effects**

Fatal if swallowed. May cause respiratory irritation. May cause an allergic skin reaction.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS07

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word (CLP)              | : Warning                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Contains                       | : ETHYLENE DIMETHACRYLATE..., METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL                                                                                                                                                                                                                                                                                                                                                     |
| Hazard statements (CLP)        | : H317 - May cause an allergic skin reaction.<br>H335 - May cause respiratory irritation.                                                                                                                                                                                                                                                                                                                                           |
| Precautionary statements (CLP) | : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P280 - Wear protective clothing, eye protection, face protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. |

## 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                               | Product identifier                                                                                | %        | Classification according to Regulation (EC) No. 1272/2008 [CLP]            |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------|
| ETHYLENE DIMETHACRYLATE..                          | CAS-No.: 97-90-5<br>EC-No.: 202-617-2<br>EC Index-No.: 607-114-00-5<br>REACH-no: 01-2119965172-38 | 10 – 20  | Skin Sens. 1, H317<br>STOT SE 3, H335<br>Aquatic Chronic 3, H412           |
| METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL  | CAS-No.: 27813-02-1<br>EC-No.: 248-666-3<br>REACH-no: 01-2119490226-37                            | 5 – 10   | Eye Irrit. 2, H319<br>Skin Sens. 1, H317                                   |
| 1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL                   | CAS-No.: 38668-48-3<br>EC-No.: 254-075-1<br>REACH-no: 01-2119980937-17                            | 1 – 1.25 | Acute Tox. 2 (Oral), H300<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412 |
| 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE | CAS-No.: 6846-50-0<br>EC-No.: 229-934-9<br>REACH-no: 01-2119451093-47                             | 0 – 1    | Repr. 2, H361d<br>Aquatic Chronic 3, H412                                  |

### Specific concentration limits:

| Name                      | Product identifier                                                                                | Specific concentration limits             |
|---------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------|
| ETHYLENE DIMETHACRYLATE.. | CAS-No.: 97-90-5<br>EC-No.: 202-617-2<br>EC Index-No.: 607-114-00-5<br>REACH-no: 01-2119965172-38 | ( 10 $\leq$ C $\leq$ 100) STOT SE 3, H335 |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Call a physician immediately.                                                                                                    |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.              |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                                                                                           |
| First-aid measures after ingestion    | : Rinse mouth. Call a physician immediately.                                                                                       |

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

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| Symptoms/effects after inhalation   | : May cause respiratory irritation.    |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                              |                                  |
|------------------------------|----------------------------------|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. |
|------------------------------|----------------------------------|

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

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--------------------------------------------------|--------------------------------|

### 5.3. Advice for firefighters

|                                |                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

|                      |                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Emergency procedures | : Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapours/spray. |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|

#### 6.1.2. For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Methods for cleaning up | : Mechanically recover the product.                             |
| Other information       | : Dispose of materials or solid residues at an authorized site. |

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

gloves. Protective clothing. Wear eye protection.

##### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

##### 8.2.2.2. Skin protection

##### Skin and body protection:

Protective clothing

## Hand protection:

Protective gloves against chemicals (EN 374)

| Hand protection                       |                                               |                   |                |                                                                                                                                                                                        |            |
|---------------------------------------|-----------------------------------------------|-------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Type                                  | Material                                      | Permeation        | Thickness (mm) | Penetration                                                                                                                                                                            | Standard   |
| Disposable gloves,<br>Reusable gloves | Nitrile rubber (NBR), Butyl rubber, Viton® II | 6 (> 480 minutes) | 0.4            | As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. | EN ISO 374 |

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Wear suitable respiratory equipment in case of insufficient ventilation. EN141

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                                                 |                                            |
|-------------------------------------------------|--------------------------------------------|
| Physical state                                  | : Solid                                    |
| Colour                                          | : Beige.                                   |
| Appearance                                      | : Paste.                                   |
| Odour                                           | : Characteristic odour.                    |
| Odour threshold                                 | : Not available                            |
| Melting point                                   | : Not available                            |
| Freezing point                                  | : Not available                            |
| Boiling point                                   | : Not available                            |
| Flammability                                    | : Not available                            |
| Explosive limits                                | : Not applicable                           |
| Lower explosion limit                           | : Not applicable                           |
| Upper explosion limit                           | : Not applicable                           |
| Flash point                                     | :                                          |
| Auto-ignition temperature                       | : Not applicable                           |
| Decomposition temperature                       | : Not available                            |
| pH                                              | : Not available                            |
| pH solution                                     | : Not available                            |
| Viscosity, kinematic                            | : Not applicable                           |
| Viscosity, dynamic                              | : > 100000 cP Brookfield HB DV1 viscometer |
| Solubility                                      | : insoluble in water.                      |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                            |
| Vapour pressure                                 | : Not available                            |
| Vapour pressure at 50 °C                        | : Not available                            |
| Density                                         | : Not available                            |
| Relative density                                | : 1.71                                     |
| Relative vapour density at 20 °C                | : Not applicable                           |
| Particle size                                   | : Not available                            |
| Particle size distribution                      | : Not available                            |

|                                |                 |
|--------------------------------|-----------------|
| Particle shape                 | : Not available |
| Particle aspect ratio          | : Not available |
| Particle aggregation state     | : Not available |
| Particle agglomeration state   | : Not available |
| Particle specific surface area | : Not available |
| Particle dustiness             | : Not available |

## 9.2. Other information

### 9.2.1. Information with regard to physical hazard classes

No additional information available

### 9.2.2. Other safety characteristics

VOC content : 6.9 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### ETHYLENE DIMETHACRYLATE.. (97-90-5)

|                 |                                                                                                                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat   | 3300 mg/kg Source: National Library of Medicine                                                                                                                                                                                   |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity), Remarks on results: other: |

#### METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL (27813-02-1)

|                    |                                                                                          |
|--------------------|------------------------------------------------------------------------------------------|
| LD50 oral rat      | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rat    | > 5000 mg/kg                                                                             |
| LD50 dermal rabbit | > 5000 mg/kg bodyweight Animal: rabbit, Animal sex: male                                 |

## 1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (38668-48-3)

|                 |                                                                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat   | 25 mg/kg bw/day                                                                                                                                                                         |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity), Guideline: other:, Guideline: other: |

## 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE (6846-50-0)

|                       |                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat         | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity) |
| LD50 dermal rabbit    | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:                                                                |
| LC50 Inhalation - Rat | 6.5 mg/kg Source: International Uniform Chemical Information Database                                                                                                                    |

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Skin corrosion/irritation         | : Not classified                       |
| Serious eye damage/irritation     | : Not classified                       |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity            | : Not classified                       |
| Carcinogenicity                   | : Not classified                       |
| Reproductive toxicity             | : Not classified                       |
| STOT-single exposure              | : May cause respiratory irritation.    |

## ETHYLENE DIMETHACRYLATE.. (97-90-5)

|                        |                                   |
|------------------------|-----------------------------------|
| STOT-single exposure   | May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified                  |

## ETHYLENE DIMETHACRYLATE.. (97-90-5)

|                                       |                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------|
| LOAEC (inhalation, rat, gas, 90 days) | 350 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |
|---------------------------------------|---------------------------------------------------------------------------------------------------|

## METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL (27813-02-1)

|                                       |                                                                                                                                                                       |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LOAEC (inhalation, rat, gas, 90 days) | 350 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Remarks on results: other:                                         |
| NOAEL (oral, rat, 90 days)            | 300 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| NOAEC (inhalation, rat, gas, 90 days) | 100 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Remarks on results: other:                                         |

|                   |                  |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                                                                         |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Ecology - general                                         | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                                                                                        |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified                                                                                                        |
| Not rapidly degradable                                    |                                                                                                                         |

## ETHYLENE DIMETHACRYLATE.. (97-90-5)

|                      |                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 15.95 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                       |
| EC50 - Crustacea [1] | 44.9 mg/l Test organisms (species): Daphnia magna                                                                                         |
| EC50 72h - Algae [1] | 17.3 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1] | 19 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)   |
| EC50 96h - Algae [2] | 10.1 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC (chronic)       | 5.05 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                        |

## METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL (27813-02-1)

|                                    |                                                                                                                                             |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]                    | 233.174 mg/l Source: ECOSAR                                                                                                                 |
| EC50 - Crustacea [1]               | > 143 mg/l Test organisms (species): Daphnia magna                                                                                          |
| EC50 - Other aquatic organisms [1] | > 130 mg/l                                                                                                                                  |
| EC50 72h - Algae [1]               | > 97.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC (chronic)                     | 45.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                          |
| NOEC chronic crustacea             | 45.2 mg/l                                                                                                                                   |

## 1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (38668-48-3)

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 17 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                    |
| EC50 - Crustacea [1] | 28.8 mg/l Test organisms (species): Daphnia magna                                                   |
| EC50 72h - Algae [1] | 245 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

## 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE (6846-50-0)

|                      |                                                                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 18 mg/l Source: OECD Screening Information Data Set                                                                                         |
| EC50 - Crustacea [1] | > 1.46 mg/l Test organisms (species): Daphnia magna                                                                                         |
| EC50 72h - Algae [1] | > 7.49 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)       | 1.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                           |
| NOEC (chronic)       | 0.7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                           |

## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

### ETHYLENE DIMETHACRYLATE.. (97-90-5)

|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.87 Source: International Chemical Safety Cards |
|-------------------------------------------------|--------------------------------------------------|

### METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL (27813-02-1)

|                                                 |      |
|-------------------------------------------------|------|
| Partition coefficient n-octanol/water (Log Pow) | 0.48 |
|-------------------------------------------------|------|

### 1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (38668-48-3)

|                                                 |                  |
|-------------------------------------------------|------------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.1 Source: ECHA |
|-------------------------------------------------|------------------|

## 1-ISOPROPYL-2,2-DIMETHYLTRIMETHYLENE DIISOBUTYRATE (6846-50-0)

Partition coefficient n-octanol/water (Log Pow)

4.11 Source: OECD Screening Information Data Set

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|-----------------------------------------|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not regulated.                          | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| No supplementary information available  |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not regulated.

#### Transport by sea

Not regulated.

#### Air transport

Not regulated.

#### Inland waterway transport

Not regulated.

## Rail transport

Not regulated.

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Other information, restriction and prohibition regulations : Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006.

#### REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions

#### REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

#### REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

#### PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

#### POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

#### VOC Directive (2004/42)

VOC content : 6.9 %

#### Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|     |                                                                                                 |
|-----|-------------------------------------------------------------------------------------------------|
| 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             |
| ATE | Acute Toxicity Estimate                                                                         |

## Abbreviations and acronyms:

|         |                                                                              |
|---------|------------------------------------------------------------------------------|
| BCF     | Bioconcentration factor                                                      |
| BLV     | Biological limit value                                                       |
| BOD     | Biochemical oxygen demand (BOD)                                              |
| COD     | Chemical oxygen demand (COD)                                                 |
| DMEL    | Derived Minimal Effect level                                                 |
| DNEL    | Derived-No Effect Level                                                      |
| EC-No.  | European Community number                                                    |
| EC50    | Median effective concentration                                               |
| EN      | European Standard                                                            |
| IARC    | International Agency for Research on Cancer :                                |
| IATA    | International Air Transport Association                                      |
| IMDG    | International Maritime Dangerous Goods                                       |
| LC50    | Median lethal concentration                                                  |
| LD50    | Median lethal dose                                                           |
| LOAEL   | Lowest Observed Adverse Effect Level                                         |
| NOAEC   | No-Observed Adverse Effect Concentration                                     |
| NOAEL   | No-Observed Adverse Effect Level                                             |
| NOEC    | No-Observed Effect Concentration                                             |
| OECD    | Organisation for Economic Co-operation and Development                       |
| OEL     | Occupational Exposure Limit                                                  |
| PBT     | Persistent Bioaccumulative Toxic                                             |
| PNEC    | Predicted No-Effect Concentration                                            |
| RID     | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS     | Safety Data Sheet                                                            |
| STP     | Sewage treatment plant                                                       |
| ThOD    | Theoretical oxygen demand (ThOD)                                             |
| TLM     | Median Tolerance Limit                                                       |
| VOC     | Volatile Organic Compounds                                                   |
| CAS-No. | Chemical Abstract Service number                                             |
| N.O.S.  | Not Otherwise Specified                                                      |
| vPvB    | Very Persistent and Very Bioaccumulative                                     |
| ED      | Endocrine disrupting properties                                              |

## Full text of H- and EUH-statements:

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Acute Tox. 2 (Oral) | Acute toxicity (oral), Category 2                                 |
| Aquatic Chronic 3   | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2                     |
| H300                | Fatal if swallowed.                                               |
| H317                | May cause an allergic skin reaction.                              |

Full text of H- and EUH-statements:

|              |                                                                                            |
|--------------|--------------------------------------------------------------------------------------------|
| H319         | Causes serious eye irritation.                                                             |
| H335         | May cause respiratory irritation.                                                          |
| H361d        | Suspected of damaging the unborn child.                                                    |
| H412         | Harmful to aquatic life with long lasting effects.                                         |
| Repr. 2      | Reproductive toxicity, Category 2                                                          |
| Skin Sens. 1 | Skin sensitisation, Category 1                                                             |
| STOT SE 3    | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.