

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

#### 1.1. Product identifier

Product form : Mixture  
 Trade name : Dymalink® 633  
 Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Rubbers

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

Resin Solutions, LLC  
 665 Stockton Drive, Suite 100  
 Exton, PA 19341  
 USA  
 T +1-484-284-8989  
[product.stewardship@resinsolutions.com](mailto:product.stewardship@resinsolutions.com) -  
<https://www.resinsolutions.com/>

##### European Representative

Resin Solutions Italia Srl  
 Via Baiona 107  
 48123 RAVENNA  
 ITALY  
 T +39 0544 459022  
[product.stewardship@resinsolutions.com](mailto:product.stewardship@resinsolutions.com) -  
<https://www.resinsolutions.com/>

#### 1.4. Emergency telephone number

Emergency number : Emergency call Carechem 24 International :  
 • for English speaking countries: +44 (0) 1235 239 670  
 • for Europe (in local languages): + 33 1 49 00 00 49  
 • for Africa and Middle East: + 44 (0) 1235 239 671  
 • for China: 400 120 6011  
 • for Asia Pacific (Hong-Kong, Singapore, Taiwan, Philippines, India, Vietnam, Sri Lanka, Japan, Korea, Malaysia, Indonesia, Thailand) :  
 + 65 3158 1074

| Country        | Organisation/Company                                     | Address                                  | Emergency number   | Comment |
|----------------|--|--|--|---------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |
| United Kingdom | National Poisons Emergency number                        |  | 08 45 46 47  |         |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Acute toxicity (oral), Category 4 H302  
 Skin corrosion/irritation, Category 1, Sub-Category 1B H314  
 Serious eye damage/eye irritation, Category 1 H318  
 Skin sensitisation, Category 1 H317  
 Hazardous to the aquatic environment – Acute Hazard, Category 1 H400  
 Hazardous to the aquatic environment – Chronic Hazard, Category 1 H410

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

### Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

## 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: Alkylated Phenol, Zinc acrylate

Hazard statements (CLP)

: H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H317 - May cause an allergic skin reaction.  
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P260 - Do not breathe dust.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection/face protection.  
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER, a doctor.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P391 - Collect spillage.  
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 2.3. Other hazards

Other hazards which do not result in classification : Combustible Dust. Dust may form explosive mixture in air. Dust from this product may cause respiratory irritation. Thermal decomposition products are produced at elevated temperatures and these may be flammable.

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

| Component                       |   |
|---------------------------------|---|
| Zinc acrylate (14643-87-9)      | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| Alkylated Phenol (Trade secret) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| Docusate sodium (577-11-7)      | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| hydroquinone (123-31-9)         | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, 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 %

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### 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]  |
|--|--|-------------------|--|
| Zinc acrylate  | CAS-No.: 14643-87-9<br>EC-No.: 238-692-3<br>REACH-no: 01-2120764006-59                             | 60 - 100          | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Alkylated Phenol   | CAS-No.: 88-27-7<br>EC-No.: 201-816-1<br>REACH-no: 01-2119975433-32                                | 1 - 5             | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                     |
| Docusate sodium<br>substance with national workplace exposure limit(s)<br>(RO) | CAS-No.: 577-11-7<br>EC-No.: 209-406-4<br>REACH-no: 01-2119491296-29                               | 0.0882 –<br>0.147 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318  |
| hydroquinone   | CAS-No.: 123-31-9<br>EC-No.: 204-617-8<br>EC Index-No.: 604-005-00-4<br>REACH-no: 01-2119524016-51 | < 0.1             | Carc. 2, H351<br>Muta. 2, H341<br>Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 (M=10)          |

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 after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Wash immediately with plenty of soap and water. Remove immediately contaminated clothing. Get immediate medical advice/attention.  |
| First-aid measures after eye contact  | : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. |
| First-aid measures after ingestion    | : Rinse mouth out with water. Get immediate medical advice/attention.  |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects after inhalation   | : Dust from this product may cause respiratory irritation.                             |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. Burns.  |
| Symptoms/effects after eye contact  | : Causes serious eye damage.   |
| Symptoms/effects after ingestion    | : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. |

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray or fog. Carbon dioxide. Foam. Dry chemical. Dry powder. Sand.  
Unsuitable extinguishing media : Use of heavy stream of water may spread fire.

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

- Fire hazard : Vapors generated from overheating/melting/decomposition may be flammable and may cause fire/explosion if source of ignition is present.  
Explosion hazard : Potential dust explosion hazard. When dust becomes airborne and is exposed to an ignition source, sufficient combustible/flammable dust may exist to burn in the open or explode if confined. Local exhaust and general room ventilation are both essential to prevent accumulation of flammable vapour or dust mixtures.  
Hazardous decomposition products in case of fire : Carbon oxides (CO, CO<sub>2</sub>). Metallic oxides. Metallic peroxides. Toxic fumes.

#### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Avoid raising powdered materials into airborne dust, creating an explosion hazard. Apply aqueous extinguishing media carefully to prevent frothing/steam explosion. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Fight fire from safe distance and protected location.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

### SECTION 6: Accidental release measures

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

- General measures : No flames, no sparks. Eliminate all sources of ignition.

##### 6.1.1. For non-emergency personnel

- Emergency procedures for non-emergency personnel : Avoid contact with skin and eyes. Do not breathe dust. Remove ignition sources. Ensure adequate ventilation. Evacuate unnecessary personnel. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

##### 6.1.2. For emergency responders

- Emergency procedures for emergency responders : No additional requirement.

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

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

- For containment : Sweep up or vacuum up the product. Avoid creating or spreading dust.  
Methods for cleaning up : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

See section 8. Exposure controls/personal protection.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid all contact with skin, eyes, or clothing. Do not breathe dust. Ensure good ventilation of the work station. Wear personal protective equipment. Avoid raising powdered material due to explosion hazard. Prevent the build-up of electrostatic charge. Use only non-sparking tools. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. The plastic packaging film used to secure bags of material on pallets can also develop static electricity -- remove packaging film in an area free from ignitable vapors/dust.
- Hygiene measures : 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 : Keep container tightly closed in a cool, well-ventilated place. Store in a dry, cool area. Store at room temperature. Protect from moisture. May polymerize on exposure to temperature rise. Keep away from sources of ignition.
- Incompatible materials : Strong reducing agents. Strong oxidizing agents.
- Storage temperature : 10 – 32 °C

#### 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

| hydroquinone (123-31-9)                              |  |
|--|--|
| <b>Ireland - Occupational Exposure Limits</b>        |  |
| Local name   | Hydroquinone [p-Dihydroxybenzene]  |
| OEL TWA [1]  | 0.5 mg/m <sup>3</sup>  |
| Remark   | Sens. (In the workplace respiratory or dermal exposures to sensitising agents may occur. Sensitizers may evoke respiratory or dermal reactions, e.g. asthma, rhinitis and allergic contact dermatitis. The notation does not distinguish between respiratory or dermal sensitisation. Chemical agents that are sensitizers present special problems in the workplace. Should an employee become sensitised, subsequent exposure may cause intense responses, even at low exposure concentrations well below the OELV. Exposure should be eliminated or significantly reduced through control measures such as engineering and process controls and use of personal protective equipment (PPE)) |
| Regulatory reference                                 | Chemical Agents Code of Practice 2021  |
| <b>United Kingdom - Occupational Exposure Limits</b> |  |
| Local name   | Hydroquinone   |
| WEL TWA (OEL TWA) [1]                                | 0.5 mg/m <sup>3</sup>  |
| Regulatory reference                                 | EH40/2005 (Fourth edition, 2020). HSE  |
| <b>USA - ACGIH - Occupational Exposure Limits</b>    |  |
| Local name   | Hydroquinone   |
| ACGIH OEL TWA  | 1 mg/m <sup>3</sup>  |
| Remark (ACGIH)                                       | TLV® Basis: Eye irr; eye dam. Notations: DSEN; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)   |
| ACGIH chemical category                              | Sensitizer   |

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| hydroquinone (123-31-9)                       |  |
|---|--|
| Regulatory reference                          | ACGIH 2023   |
| Zinc acrylate (14643-87-9)                    |  |
| Ireland - Occupational Exposure Limits        |  |
| OEL TWA [1]                                   | 10 mg/m <sup>3</sup> inhalable dust<br>1 mg/m <sup>3</sup> respirable dust |
| United Kingdom - Occupational Exposure Limits |  |
| WEL TWA (OEL TWA) [1]                         | 10 mg/m <sup>3</sup> inhalable dust  |

### 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. Safety shower. Eye fountain.

### 8.2.2. Personal protection equipment

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



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or face shield

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves. Do not use natural rubber gloves. Product used with solvents : wear thick (> 0.5 mm) nitrile gloves. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility, etc) is noticed

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

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### SECTION 9: Physical and chemical properties

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

|   |  |
|---|--|
| Physical state                                  | : Solid  |
| Colour  | : White to slightly yellow.  |
| Appearance                                      | : Powder.  |
| Odour   | : Not available  |
| Odour threshold                                 | : Not available  |
| Melting point                                   | : Not available  |
| Freezing point                                  | : Not applicable   |
| Initial boiling point and boiling range         | : Not applicable   |
| Flammability                                    | : Non flammable.   |
| Explosive properties                            | : Dust may form explosive mixture in air. Explosion Index, Kst (bar. m/s) : 122 (estimate based on similar tested products). Max. Explosive Pressure (Pmax), bar : 7.4 (estimate based on similar tested products). Particle size: > 100 µ (~ 100%). |
| Explosive limits                                | : Not applicable   |
| Lower explosion limit                           | : Not applicable   |
| Upper explosion limit                           | : Not applicable   |
| Flash point                                     | : Not applicable   |
| Auto-ignition temperature                       | : Not applicable   |
| Decomposition temperature                       | : Not available  |
| pH  | : Not applicable   |
| pH solution                                     | : Not available  |
| Viscosity, kinematic                            | : Not applicable   |
| Viscosity, dynamic                              | : Not applicable   |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not applicable   |
| Vapour pressure at 50°C                         | : Not available  |
| Density   | : Not available  |
| Relative density                                | : 1.58   |
| 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

Minimum ignition energy : 250 J (estimate based on similar tested products)

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Unstable. Inhibitor usually added.

#### 10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

#### 10.3. Possibility of hazardous reactions

May ignite spontaneously if exposed to air. May polymerize. To avoid thermal decomposition, do not overheat. Thermal decomposition products are produced at elevated temperatures and these may be flammable. Dust may form explosive mixture in air.

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### 10.4. Conditions to avoid

Avoid the build-up of electrostatic charge. Avoid dust formation. High temperature. Direct sunlight. Sparks. Open flame.

### 10.5. Incompatible materials

Strong reducing agents. Strong oxidizing agents.

### 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)       | : Harmful if swallowed.   |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

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|                |                          |
|----------------|--------------------------|
| ATE CLP (oral) | 541.541 mg/kg bodyweight |
|----------------|--------------------------|

#### Zinc acrylate (14643-87-9)

|                 |  |
|-----------------|--|
| LD50 oral rat   | 668 mg/kg (Results obtained on a similar product)    |
| LD50 dermal rat | > 2000 mg/kg (Results obtained on a similar product) |

|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Causes severe skin burns.<br>pH: Not applicable                                   |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: Not applicable                                  |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction.  |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met) |
| Additional information            | : Ames test : negative  |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure            | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard                 | : Not classified (Technical impossibility to obtain the data)                       |

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|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

|  |  |
|--|--|
| Adverse health effects caused by endocrine disrupting properties | : 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 % |
|--|--|

#### 11.2.2. Other information

|   |  |
|---|--|
| Potential adverse human health effects and symptoms | : Dust from this product may cause respiratory irritation        |
| Other information                                   | : Likely routes of exposure: ingestion, inhalation, skin and eye |



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### SECTION 12: Ecological information

#### 12.1. Toxicity

- Ecology - general : Do not allow product to spread into the environment.  
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.  
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

| Alkylated Phenol (88-27-7)         |  |
|------------------------------------|--|
| LC50 - Fish [1]                    | 1.346 mg/l QSAR estimate for phenol amines class, ECHA data              |
| LC50 - Fish [2]                    | 2.092 mg/l QSAR estimate for aliphatic amines class, ECHA data           |
| LC50 - Other aquatic organisms [1] | 0.659 mg/l (daphnia) QSAR estimate for phenol amines class, ECHA data    |
| LC50 - Other aquatic organisms [2] | 0.335 mg/l (daphnia) QSAR estimate for aliphatic amines class, ECHA data |
| ErC50 algae                        | 0.644 mg/l QSAR estimate for phenol amines class, ECHA data              |

| Docusate sodium (577-11-7) |   |
|----------------------------|---|
| LC50 - Fish [1]            | 20 – 40 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: EPA) |
| LC50 - Fish [2]            | < 24 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)         |
| EC50 - Crustacea [1]       | 36 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                      |

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

| Docusate sodium (577-11-7) |             |
|----------------------------|-------------|
| BCF - Fish [1]             | 3.47 – 3.78 |

#### 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

- Adverse effects on the environment caused by endocrine disrupting properties : 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 %

#### 12.7. Other adverse effects

- Additional information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

- Waste treatment methods : Dispose of in accordance with the European Directives on waste and hazardous waste. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

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|  |   |
|--|---|
| Product/Packaging disposal recommendations | : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.   |
| European List of Waste (LoW, EC 2150/2002) | : According to the European Waste Catalogue, Waste Codes are not product specific, but application specific<br>Waste codes should be assigned by the user based on the application for which the product was used |

### 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>   |   |   |  |   |
| UN 3077   | UN 3077   | UN 3077   | UN 3077  | UN 3077   |
| <b>14.2. UN proper shipping name</b>  |   |   |  |   |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.                                  | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  | Environmentally hazardous substance, solid, n.o.s.                                  | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.                                   | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.                                    |
| <b>Transport document description</b>   |   |   |  |   |
| UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc acrylate), 9, III  | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC SALTS), 9, III, MARINE POLLUTANT | UN 3077 Environmentally hazardous substance, solid, n.o.s. (ZINC SALTS), 9, III     | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc acrylate), 9, III   | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc acrylate), 9, III    |
| <b>14.3. Transport hazard class(es)</b>   |   |   |  |   |
| 9   | 9   | 9   | 9  | 9   |
|  |                |  |  |  |
| <b>14.4. Packing Group</b>  |   |   |  |   |
| III   | III   | III   | III  | III   |
| <b>14.5. Environmental hazards</b>  |   |   |  |   |
| Dangerous for the environment: Yes  | Dangerous for the environment: Yes<br>Marine Pollutant: Yes                                       | Dangerous for the environment: Yes  | Dangerous for the environment: Yes   | Dangerous for the environment: Yes  |
| No supplementary information available  |   |   |  |   |

### 14.6. Special precautions for user

#### Overland transport

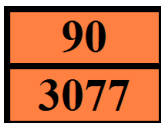
|   |                           |
|---|---------------------------|
| Classification code (ADR)                                 | : M7                      |
| Special provisions (ADR)                                  | : 274, 335, 375, 601      |
| Packing instructions (ADR)                                | : P002, IBC08, LP02, R001 |
| Special packing provisions (ADR)                          | : PP12, B3                |
| Mixed packing provisions (ADR)                            | : MP10                    |
| Portable tank and bulk container instructions (ADR)       | : T1, BK1, BK2            |
| Portable tank and bulk container special provisions (ADR) | : TP33                    |
| Tank code (ADR)   | : SGAV, LGBV              |
| Vehicle for tank carriage                                 | : AT                      |
| Transport category (ADR)                                  | : 3                       |

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Special provisions for carriage - Packages (ADR) : V13  
Special provisions for carriage - Bulk (ADR) : VC1, VC2  
Special provisions for carriage - Loading, unloading  
and handling (ADR) : CV13  
Orange plates :



EAC code : 2Z

### Transport by sea (IMDG)

Special provisions (IMDG) : 274, 335, 966, 967, 969  
Limited quantities (IMDG) : 5 kg  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P002, LP02  
Special packing provisions (IMDG) : PP12  
IBC packing instructions (IMDG) : IBC08  
IBC special provisions (IMDG) : B3  
Tank instructions (IMDG) : T1, BK1, BK2, BK3  
Tank special provisions (IMDG) : TP33  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-F  
Stowage and handling (IMDG) : SW23

### Air transport (IATA)

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y956  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 956  
PCA max net quantity (IATA) : 400kg  
CAO packing instructions (IATA) : 956  
CAO max net quantity (IATA) : 400kg  
Special provisions (IATA) : A97, A158, A179, A197  
ERG code (IATA) : 9L

### Inland waterway transport

Classification code (ADN) : M7  
Special provisions (ADN) : 274, 335, 375, 601  
Limited quantities (ADN) : 5 kg  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T\* B\*\*  
Equipment required (ADN) : PP, A  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : M7  
Special provisions (RID) : 274, 335, 375, 601  
Limited quantities (RID) : 5kg  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P002, IBC08, LP02, R001  
Special packing provisions (RID) : PP12, B3  
Mixed packing provisions (RID) : MP10  
Portable tank and bulk container instructions (RID) : T1, BK1, BK2  
Portable tank and bulk container special provisions  
(RID) : TP33  
Tank codes for RID tanks (RID) : SGAV, LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W13  
Special provisions for carriage – Bulk (RID) : VC1, VC2  
Special provisions for carriage - Loading, unloading  
and handling (RID) : CW13, CW31  
Colis express (express parcels) (RID) : CE11

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Hazard identification number (RID) : 90

### 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

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

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

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 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 the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

For this mixture a chemical safety assessment has been carried out

## SECTION 16: Other information

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

|                     |   |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1   | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Carc. 2             | Carcinogenicity, Category 2                                       |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2                     |
| H302                | Harmful if swallowed.   |
| H314                | Causes severe skin burns and eye damage.                          |
| H315                | Causes skin irritation.   |
| H317                | May cause an allergic skin reaction.                              |

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

|               |  |
|---------------|--|
| H318          | Causes serious eye damage.                             |
| H319          | Causes serious eye irritation.                         |
| H341          | Suspected of causing genetic defects.                  |
| H351          | Suspected of causing cancer.                           |
| H400          | Very toxic to aquatic life.                            |
| H410          | Very toxic to aquatic life with long lasting effects.  |
| Muta. 2       | Germ cell mutagenicity, Category 2                     |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2                  |
| Skin Sens. 1  | Skin sensitisation, Category 1                         |
| Skin Sens. 1B | Skin sensitisation, category 1B                        |

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|                     |      |                    |
|---------------------|------|--------------------|
| Acute Tox. 4 (Oral) | H302 | Calculation method |
| Skin Corr. 1B       | H314 | Calculation method |
| Eye Dam. 1          | H318 | Calculation method |
| Skin Sens. 1        | H317 | Calculation method |
| Aquatic Acute 1     | H400 | Calculation method |
| Aquatic Chronic 1   | H410 | Calculation method |

Safety Data Sheet (SDS), EU