

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 3/17/2023 Version: 1.1

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

| 1.1. Product identifier  |   |
|--|---|
| Product form<br>Trade name<br>EC Index-No.<br>EC-No.<br>CAS-No.<br>REACH registration No.<br>Product code<br>Type of product<br>Formula<br>Synonyms        | <ul> <li>Substance</li> <li>Phenolphtalein indicator</li> <li>604-076-00-1</li> <li>201-004-7</li> <li>77-09-8</li> <li>01-2119498295-24</li> <li>CL00.0619</li> <li>Pure substance</li> <li>C20H14O4</li> <li>1(3H)-isobenzofuranone, 3,3-bis(4-hydroxyphenyl)- / 2,2-bis(para-hydroxyphenyl) phthalide / 2,2-bis(p-hydroxyphenyl) phthalide / 2-bis(4-hydroxyphenyl)methylbenzoic acid / 3,3-bis(4-hydroxyphenyl) phthalide / 3,3-bis(4-hydroxyphenyl))-1(3H)-isobenzofuranone / 3,3-bis(para-hydroxyphenyl) phthalide / 3,3-bis(p-hydroxyphenyl) phthalide / agoral / alopen / alpha-(para-hydroxyphenyl)-alpha-(4-oxo-2,5-cyclohexadien-1-ylidene)-orthotoluic acid / alpha-di(para-hydroxyphenyl) phthalide / alpha-di(p-hydroxyphenyl) phthalide / alpha-di(para-hydroxyphenyl) phthalide / alpha-di(p-hydroxyphenyl) phthalide / cl.1. No 764 / chocolax / colax / correctol / dialose / dihydroxyphtalophenone / doxidan / euchessina / evac-Q-kit / evac-Q-kwik / evac-U-gen / evac-V-lax / feen-a-mint gum / femilax / koprol / laxcaps / laxin / laxogen / lax-pills / LILO / medilax / modane / phenolax / phenolphthalein / phtalimetten / phthalide 3,3-bis(para-hydroxyphenyl)- / phthalide / alpha-di(p-hydroxyphenyl) phthalide / alpha-di(p-hydroxyphenyl) phthalide / alpha-di(p-hydroxyphenyl) phthalide / cl.1. No 764 / chocolax / colax / colax / correctol / dialose / dihydroxyphtalophenone / doxidan / euchessina / evac-Q-kit / evac-Q-kwik / evac-U-gen / evac-V-lax / feen-a-mint gum / femilax / koprol / laxcaps / laxin / laxogen / lax-pills / LILO / medilax / modane / phenolax / phenolphthalein / phthalimetten / phthalide 3,3-bis(para-hydroxyphenyl)- / phthalide 3,3-bis(p-hydroxyphenyl)- / phthalide 3,3-bis(p-hydroxyphenyl)- /</li> </ul> |
| BIG No   | : 15948   |
| 1.2. Relevant identified uses of the substa  | nce or mixture and uses advised against   |
| <ul><li>1.2.1. Relevant identified uses</li><li>Use of the substance/mixture</li><li>1.2.2. Uses advised against</li></ul>                                 | : Laboratory chemical   |
| No additional information available  |   |
| 1.3. Details of the supplier of the safety da  | ita sheet   |
| Chem-Lab nv<br>Industriezone 'De arend 2'<br>Zedelgem – Belgium<br>Belgium<br>T +32 50 288320<br>info@chem-lab.be - https://www.chem-lab.be                |   |
| 1.4. Emergency telephone number  |   |
| Emergency number   | : +32 50 28 83 20   |
| SECTION 2: Hazards identification  |   |
| 2.1. Classification of the substance or mix  | ture  |
| Classification according to Regulation (EC) No.<br>Carcinogenicity, Category 1B<br>Germ cell mutagenicity, Category 2<br>Reproductive toxicity, Category 2 | 1272/2008 [CLP]<br>H350<br>H341<br>H361f  |

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

Reproductive toxicity, Category 2

( 1 ≤C < 100)

Carc. 1B, H350

H361f

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### Adverse physicochemical, human health and environmental effects

#### No additional information available

### 2.2. Label elements

| Labelling according to Regulation (EC) No. 1272/20                            | 08 [CLP]   |
|---|--|
| Hazard pictograms (CLP) :   | GHS08  |
| Signal word (CLP) :   | Danger   |
| Hazard statements (CLP)   | H350 - May cause cancer.   |
|   | H341 - Suspected of causing genetic defects.   |
|   | H361f - Suspected of damaging fertility.   |
| Precautionary statements (CLP) :  | P201 - Obtain special instructions before use.   |
|   | P281 - Use personal protective equipment as required.  |
|   | P308+P313 - IF exposed or concerned: Get medical advice/attention.   |
| Hazard pictograms (CLP) :<br>Signal word (CLP) :<br>Hazard statements (CLP) : | GHS08<br>Danger<br>H350 - May cause cancer.<br>H341 - Suspected of causing genetic defects.<br>H361f - Suspected of damaging fertility.<br>P201 - Obtain special instructions before use.<br>P281 - Use personal protective equipment as required. |

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The substance is not 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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Substance type

: Mono-constituent

| Name   | Product identifier  | %   | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP] |
|--|---|-----|---|
| Phenolphtalein indicator<br>substance listed as REACH Candidate<br>(Phenolphthalein) | CAS-No.: 77-09-8<br>EC-No.: 201-004-7<br>EC Index-No.: 604-076-00-1<br>REACH-no: 01-2119498295-<br>24 | 100 | Carc. 1B, H350<br>Muta. 2, H341<br>Repr. 2, H361f                     |

| Specific concentration limits: |   |                               |
|--------------------------------|---|-------------------------------|
| Name                           | Product identifier  | Specific concentration limits |
| Phenolphtalein indicator       | CAS-No.: 77-09-8<br>EC-No.: 201-004-7<br>EC Index-No.: 604-076-00-1<br>REACH-no: 01-2119498295-<br>24 | ( 1 ≤C < 100) Carc. 1B, H350  |

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

### 3.2. Mixtures

### Not applicable

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## SECTION 4: First aid measures

#### 4.1. Description of first aid measures First-aid measures general : Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital. First-aid measures after inhalation Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service. First-aid measures after skin contact Rinse with water. Soap may be used. Take victim to a doctor if irritation persists. First-aid measures after eye contact Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Do not apply (chemical) neutralizing agents without medical advice. First-aid measures after ingestion Rinse mouth with water. Call Poison Information Centre (www.big.be/antigif.html). Consult a doctor/medical service if you feel unwell. Ingestion of large quantities: immediately to hospital. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/effects after inhalation : AFTER INHALATION OF DUST: Slight irritation. Coughing. Symptoms/effects after skin contact : Slight irritation. Symptoms/effects after eye contact : Slight irritation. Symptoms/effects after ingestion : AFTER INGESTION OF HIGH QUANTITIES: Diarrhoea. Gastrointestinal complaints. Urine discolouration. Chronic symptoms : ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin. Swelling of the skin. Itching. Skin rash/inflammation.

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

| SECTION 5: Firefighting measures  |  |
|---|--|
| 5.1. Extinguishing media  |  |
| Suitable extinguishing media  | : Quick-acting ABC powder extinguisher. Class A foam extinguisher. Water (quick-acting extinguisher, reel). Water. Class A foam.   |
| Unsuitable extinguishing media  | : Quick-acting BC powder extinguisher. Quick-acting CO2 extinguisher.  |
| 5.2. Special hazards arising from the subs  | tance or mixture   |
| Fire hazard<br>Explosion hazard<br>Hazardous decomposition products in case of fire | <ul> <li>DIRECT FIRE HAZARD: Most organic solids may burn if strongly heated.</li> <li>DIRECT EXPLOSION HAZARD: Most organic solids are liable to dust explosion hazard.<br/>INDIRECT EXPLOSION HAZARD: Dust cloud can be ignited by a spark. Reactions with<br/>explosion hazards: see "Reactivity Hazard".</li> <li>Upon combustion: CO and CO2 are formed.</li> </ul> |
| 5.3. Advice for firefighters  |  |
| Precautionary measures fire   | : Exposure to fire/heat: keep upwind. Exposure to fire/heat: have neighbourhood close doors<br>and windows.  |
| Firefighting instructions   | <ul> <li>Cool tanks/drums with water spray/remove them into safety. Take account of toxic fire-<br/>fighting water. Use water moderately and if possible collect or contain it.</li> </ul>   |
| Protection during firefighting  | : Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137).  |

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| SECTION 6: Accidental release measu                        | res   |
|--|---|
| 6.1. Personal precautions, protective equip                | oment and emergency procedures  |
| 6.1.1. For non-emergency personnel<br>Protective equipment | : Gloves (EN 374). Protective clothing (EN 14605 or EN 13034). Dust cloud production: self-<br>contained breathing apparatus (EN 136 + EN 137).   |
| Emergency procedures                                       | : Mark the danger area. Prevent dust cloud formation. No naked flames. Wash contaminated clothes.   |
| Measures in case of dust release                           | : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows.   |
| 6.1.2. For emergency responders                            |   |
| No additional information available                        |   |
| 6.2. Environmental precautions                             |   |
| Prevent soil and water pollution. Prevent spreading        | in sewers.  |
| 6.3. Methods and material for containment                  | and cleaning up   |
| For containment  | : Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply. Dam up the solid spill. Knock down/dilute dust cloud with water spray. Provide equipment/receptacles with earthing.   |
| Methods for cleaning up                                    | : Stop dust cloud by covering with sand/earth. Scoop solid spill into closing containers.<br>Carefully collect the spill/leftovers. Clean contaminated surfaces with a soap solution. Take<br>collected spill to manufacturer/competent authority. Wash clothing and equipment after<br>handling.   |
| 6.4. Reference to other sections                           |   |
| No additional information available                        |   |
| SECTION 7: Handling and storage                            |   |
| 7.1. Precautions for safe handling                         |   |
| Precautions for safe handling                              | : Avoid raising dust. Take precautions against electrostatic charges. Keep away from naked flames/heat. In finely divided state: use spark-/explosionproof appliances. Finely divided: keep away from ignition sources/sparks. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Powdered form: no compressed air for pumping over. Keep container tightly closed. |
| Hygiene measures   | : Observe strict hygiene.   |
| 7.2. Conditions for safe storage, including                | any incompatibilities   |
| Heat and ignition sources                                  | : KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.   |
| Information on mixed storage<br>Storage area               | : KEEP SUBSTANCE AWAY FROM: oxidizing agents. reducing agents.<br>: Store in a cool area. Store in a dry area. Store in a dark area. Keep container in a well-  |
| olorayo alta   | ventilated place. Keep locked up. Provide the tank with earthing. Meet the legal requirements.  |
| Special rules on packaging                                 | <ul> <li>SPECIAL REQUIREMENTS: closing. clean. opaque. correctly labelled. meet the legal<br/>requirements. Secure fragile packagings in solid containers.</li> </ul>   |

7.3. Specific end use(s)

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### **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

No additional information available

### 8.2.2. Personal protection equipment

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



#### 8.2.2.1. Eye and face protection

**Eye protection:** Safety glasses (EN 166). In case of dust production: protective goggles (EN 166)

### 8.2.2.2. Skin protection

Skin and body protection: Protective clothing (EN 14605 or EN 13034)

Hand protection: Gloves

#### Other skin protection

### Materials for protective clothing:

Good resistance: Natural rubber. neoprene (chloroprene rubber). Nitrile rubber. Polyvinylchloride (PVC)

#### 8.2.2.3. Respiratory protection

### **Respiratory protection:**

Dust production: dust mask with filter type P3. High dust production: self-contained breathing apparatus (EN 136 + EN 137)

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

### Physical state Colour

: Solid

: White to light yellow.

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| Appearance                                      | : Crystalline solid. Crystalline powder.   |
|---|--|
| Molecular mass                                  | : 318.33 g/mol   |
| Odour   | : Odourless.   |
| Odour threshold                                 | : Not available  |
| Melting point                                   | : 263 °C   |
| Freezing point                                  | : Not available  |
| Boiling point                                   | : > 450 °C   |
| Flammability                                    | : Not available  |
| Explosive limits                                | : Not applicable   |
| Lower explosion limit                           | : Not applicable   |
| Upper explosion limit                           | : Not applicable   |
| Flash point                                     | : Not applicable   |
| Auto-ignition temperature                       | : 397 °C (T2)  |
| Decomposition temperature                       | : Not available  |
| рН  | : Not available  |
| pH solution                                     | : Not available  |
| Viscosity, kinematic                            | : Not applicable   |
| Solubility                                      | <ul> <li>Insoluble in water. Substance sinks in water. Soluble in ethanol. Soluble in acetone. Soluble in toluene. Soluble in bases.</li> <li>Water: 0.000336 g/100ml</li> <li>Ethanol: 8.5 g/100ml</li> <li>Ether: 1 g/100ml</li> </ul> |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Partition coefficient n-octanol/water (Log Pow) | : 2.41 (Experimental value)  |
| Vapour pressure                                 | : < 0.00001 hPa  |
| Vapour pressure at 50°C                         | : Not available  |
| Density   | : 1277 kg/m <sup>3</sup>   |
| Relative density                                | : 1.3 (20 °C)  |
| Relative vapour density at 20°C                 | : Not applicable   |
| Particle size                                   | : Not available  |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

| 9.2.2. Other safety characteristics |                  |
|-------------------------------------|------------------|
| VOC content                         | : 0 %            |
| Other properties                    | : Basic reaction |

| SECTION 10: Stability and reactivity  |
|---|
| 10.1. Reactivity  |
| Violent to explosive reaction with (strong) oxidizers and with (strong) reducers. |
| 10.2. Chemical stability  |
| Unstable on exposure to light.  |
| 10.3. Possibility of hazardous reactions  |
| No additional information available   |
| 10.4. Conditions to avoid   |
| No additional information available   |
| 10.5. Incompatible materials  |
| No additional information available   |
| 10.6. Hazardous decomposition products  |
| No additional information available   |

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## SECTION 11: Toxicological information

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

|   | <b>o</b> ( )                            |
|---|---|
| Acute toxicity (oral)                   | : Not classified                        |
| Acute toxicity (dermal)                 | : Not classified                        |
| Acute toxicity (inhalation)             | : Not classified                        |
| Skin corrosion/irritation               | : Not classified                        |
| Serious eye damage/irritation           | : Not classified                        |
| Respiratory or skin sensitisation       | : Not classified                        |
| Germ cell mutagenicity                  | : Suspected of causing genetic defects. |
| Carcinogenicity                         | : May cause cancer.                     |
| Reproductive toxicity                   | : Suspected of damaging fertility.      |
| STOT-single exposure                    | : Not classified                        |
| STOT-repeated exposure                  | : Not classified                        |
| Aspiration hazard                       | : Not classified                        |
| 11.2. Information on other hazards      |   |
| 11.2.1. Endocrine disrupting properties |   |
| No additional information available     |   |
|   |   |
| 11.2.2. Other information               |   |

| Potential adverse human health effects and | : Slightly irritant to eyes |
|--|-----------------------------|
| symptoms                                   |                             |

| SECTION 12: Ecological information                        |   |
|---|---|
| 12.1. Toxicity  |   |
| Ecology - general   | : Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.  |
| Ecology - air   | <ul> <li>Not included in the list of substances which may contribute to the greenhouse effect (IPCC)<br/>Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014).</li> <li>Photodegradation in the air. Not classified as dangerous for the ozone layer (Regulation<br/>(EC) No 1005/2009).</li> </ul> |
| Ecology - water   | : Slightly harmful to crustacea. Severe water pollutant (surface water). Slightly harmful to algae. pH shift.   |
| Hazardous to the aquatic environment, short–term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |
| Not rapidly degradable                                    |   |
| Phenolphtalein indicator (77-09-8)                        |   |
| EC50 - Crustacea [1]                                      | > 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna,<br>Static system, Fresh water, Experimental value, GLP)   |
| EC50 72h - Algae [1]                                      | 8.9 mg/l (OECD 201: Alga, Growth Inhibition Test, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)   |
| 12.2. Persistence and degradability                       |   |
| Phenolphtalein indicator (77-09-8)                        |   |
| Persistence and degradability                             | Readily biodegradable in water.   |
| 12.3. Bioaccumulative potential                           |   |
| Phenolphtalein indicator (77-09-8)                        |   |
| Partition coefficient n-octanol/water (Log Pow)           | 2.41 (Experimental value)   |

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| Phenolphtalein indicator (77-09-8)   |   |  |  |
|--|---|--|--|
| Bioaccumulative potential  | Low potential for bioaccumulation (Log Kow < 4).      |  |  |
| 12.4. Mobility in soil   |   |  |  |
| Phenolphtalein indicator (77-09-8)   |   |  |  |
| Ecology - soil   | No (test)data on mobility of the substance available. |  |  |
| 12.5. Results of PBT and vPvB assessment   |   |  |  |
| Phenolphtalein indicator (77-09-8)   |   |  |  |
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  |   |  |  |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |   |  |  |
| 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

| Product/Packaging disposal recommendations | : Do not discharge into drains or the environment. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery. Dissolve or mix with a combustible solvent. |
|--|---|
| Additional information                     | : Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.  |
| European List of Waste (LoW) code          | <ul> <li>15 01 10* - packaging containing residues of or contaminated by dangerous substances</li> <li>16 05 06* - laboratory chemicals consisting of or containing dangerous substances including mixtures of laboratory chemicals</li> </ul>  |

# **SECTION 14: Transport information**

| In accordance with ADR / IMD | )G / IATA / ADN / RID   |                |                |                |
|------------------------------|---|----------------|----------------|----------------|
| ADR                          | IMDG  | ΙΑΤΑ           | ADN            | RID            |
| 14.1. UN number or ID n      | umber   |                |                |                |
| Not applicable               | Not applicable         Not applicable         Not applicable         Not applicable |                |                |                |
| 14.2. UN proper shipping     | g name  |                |                |                |
| Not applicable               | Not applicable         Not applicable         Not applicable                        |                |                |                |
| 14.3. Transport hazard o     | lass(es)  |                |                |                |
| Not applicable               | Not applicable  | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group          |   |                |                |                |
| Not applicable               | Not applicable  | Not applicable | Not applicable | Not applicable |

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| applicable Not applicable              |  |  |  |  |  |
|--|--|--|--|--|--|
| i                                      |  |  |  |  |  |
| No supplementary information available |  |  |  |  |  |

### Overland transport

Not applicable

### Transport by sea Not applicable

## Air transport

Not applicable

### **Inland waterway transport** Not applicable

### Rail transport

Not applicable

### 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)**

Not listed on REACH Annex XVII

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

Not listed on REACH Annex XIV (Authorisation List)

### **REACH Candidate List (SVHC)**

Listed on the REACH Candidate List: Phenolphthalein

### PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

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

Not listed on the POP list (Regulation EU 2019/1021)

### Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

### VOC Directive (2004/42)

VOC content

: 0 %

## 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)

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### 15.1.2. National regulations

### Germany

**Employment restrictions** 

Water hazard class (WGK)

Storage class (LGK, TRGS 510)

: Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

- : Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV).
- : LGK 6.1D Non-combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects.

|  |   | Substances the                                | at are toxic or pr                                      |   | chects.  |                                     |
|--|---|---|---|---|--|-------------------------------------|
| Joint storage table                                    | : | LGK 1   | LGK 2A  | LGK 2B  | LGK 3  | LGK 4.1A                            |
|  |   | LGK 4.1B                                      | LGK 4.2   | LGK 4.3   | LGK 5.1A   | LGK 5.1B                            |
|  |   | LGK 5.1C                                      | LGK 5.2   | LGK 6.1A  | LGK 6.1B   | LGK 6.1C                            |
|  |   | LGK 6.1D                                      | LGK 6.2   | LGK 7   | LGK 8A   | LGK 8B                              |
|  |   | LGK 10  | LGK 11  | LGK 12  | LGK 13   | LGK 10-13                           |
| Joint storage not permitted for                        | : | LGK 1, LGK 24                                 | ,<br>A, LGK 4.1A, LO                                    | GK 5.1A, LGK 5  | 5.1C, LGK 5.2, I   | _GK 6.2, LGK 7                      |
| oint storage with restrictions permitted for           | : | LGK 3, LGK 4.                                 | 1B, LGK 4.2, L  | GK 4.3, LGK 5.  | 1B.  |                                     |
| pint storage permitted for                             | : | LGK 2B, LGK 6<br>LGK 12, LGK 1                |   | , LGK 6.1C, LG  | GK 6.1D, LGK 8   | A, LGK 8B, LGł                      |
| hemicals Prohibition Ordinance (ChemVerbotsV)          | : | requirements for                              | uthorization rec<br>or carrying out t<br>nd documentati | quirement (acco<br>the delivery (ac<br>ion (according t | nex 2 Entry 1. T<br>ording to § 6 par<br>cording to § 8 p<br>o § 9 paragraph | ragraph 1 sente<br>earagraph 1, 3 a |
| lazardous Incident Ordinance (12. BImSchV)             | : | Is not subject                                | of the Hazardou   | us Incident Ord   | inance (12. Blm  | iSchV)                              |
| letherlands  |   |   |   |   |  |                                     |
| BM category  | : | Z(2) - biodegra<br>environment (c             |   |   | ous properties f<br>eprotoxicity/bioa  |                                     |
| SZW-lijst van kankerverwekkende stoffen                | : | phenolphthalei                                |   |   |  |                                     |
| ZW-lijst van mutagene stoffen                          | : | The substance                                 |   |   |  |                                     |
| SZW-lijst van reprotoxische stoffen – Borstvoeding     | : | The substance                                 |   |   |  |                                     |
| ZW-lijst van reprotoxische stoffen –<br>/ruchtbaarheid | : | phenolphthalei                                | n is listed   |   |  |                                     |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling     | : | The substance                                 | is not listed   |   |  |                                     |
| enmark   |   |   |   |   |  |                                     |
| Danish National Regulations                            | : | Young people<br>Pregnant/breas<br>the product | -   | -   | not allowed to ι<br>the product mu   |                                     |
| Switzerland  |   |   |   |   |  |                                     |
| Storage class (LK)<br>Chemicals Ordinance (SR 813.11)  |   | LK 6.1 - Toxic<br>Group 1                     | materials   |   |  |                                     |
|  |   |   |   |   |  |                                     |

## 15.2. Chemical safety assessment

| SECTION 16: Other information       |                                       |  |  |  |
|-------------------------------------|---------------------------------------|--|--|--|
| Full text of H- and EUH-statements: |                                       |  |  |  |
| Carc. 1B                            | Carcinogenicity, Category 1B          |  |  |  |
| H341                                | Suspected of causing genetic defects. |  |  |  |
| H350                                | May cause cancer.                     |  |  |  |
| H361f                               | Suspected of damaging fertility.      |  |  |  |
| Muta. 2                             | Germ cell mutagenicity, Category 2    |  |  |  |

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-s | statements:                       |  |
|---------------------------|-----------------------------------|--|
| Repr. 2                   | Reproductive toxicity, Category 2 |  |

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.