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# ALCON ALSONA 7111 (HARDENER)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Reference number: ALC-122

Issue date: 11/25/2020 Version: 1.0

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

### 1.1. Product identifier

Product form : Mixture  
Product name : ALCON ALSONA 7111 (HARDENER)  
Product code : M-7111  
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 : Industrial use, Consumer use  
Industrial/Professional use spec : Industrial  
Use of the substance/mixture : It is a two-component, reinforced polymer system material for repair, fill, new part and mold production.

#### 1.2.2. Uses advised against

No additional information available

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

ALCON ENDÜSTRİYEL ÜRÜNLER SANAYİ VE TİCARET LİMİTED ŞİRKETİ  
SOĞANLIK YENİ MAH, ALİAĞA SOK. NO:8 KAT:9 DAİRE:37 Bumerang Kartal Rezidans  
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### 1.4. Emergency telephone number

Emergency number : +90 216 661 00 90

| Country | Organisation/Company   | Address   | Emergency number | Comment   |
|---------|--|---|------------------|---|
| Turkey  | Ulusal Zehir Merkezi (UZEM)<br>Refik Saydam Hıfzısıhha Merkezi<br>Başkanlığı | Cemal Gürsel Cd. No: 18<br>Sıhhiye<br>Çankaya<br>06590 Ankara | 114              | Information is provided to public and medical personnel on poisoning incidents via 114. |

## 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 — Chronic Hazard, Category 3 H412  
Full text of H 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. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

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### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

GHS07

Signal word (CLP) :

Danger

Contains :

3,6-diazaoctanethylenediamin; triethylenetetramine; 3,6,9-triazaundecamethylenediamine; tetraethylenepentamine; 2,4,6-tris(dimethylaminomethyl)phenol

Hazard statements (CLP) :

H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H317 - May cause an allergic skin reaction.  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.  
P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.. Immediately call a POISON CENTER or doctor.  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

No additional information available

## 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]  |
|---|---|---------|--|
| 2,4,6-tris(dimethylaminomethyl)phenol                         | (CAS-No.) 90-72-2<br>(EC-No.) 202-013-9<br>(EC Index-No.) 603-069-00-0  | 10 – 20 | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315   |
| 3,6-diazaoctanethylenediamin; triethylenetetramine            | (CAS-No.) 112-24-3<br>(EC-No.) 203-950-6<br>(EC Index-No.) 612-059-00-5 | < 10    | Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1B, H314<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412                              |
| 3,6,9-triazaundecamethylenediamine;<br>tetraethylenepentamine | (CAS-No.) 112-57-2<br>(EC-No.) 203-986-2<br>(EC Index-No.) 612-060-00-0 | < 10    | Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |
| Bentonite   | (CAS-No.) 1302-78-9<br>(EC-No.) 215-108-5                               | 5 – 10  | Not classified   |
| Trade secret  | -   | 40 – 60 | Not classified   |

Full text of H-statements: see section 16

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### 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.   |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion    | : Rinse mouth. Do not induce vomiting. Call a physician immediately.   |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after skin contact | : Burns. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : Serious damage to eyes.                     |
| Symptoms/effects after ingestion    | : Burns.                                      |

#### 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. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a water jet as it may cause spread. |

#### 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 | : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe 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 | : Take up liquid spill into absorbent material.                 |
| 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.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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 cool.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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



##### 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 : Liquid
- Appearance : Paste.
- Colour : Brown.
- Odour : Characteristic.

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|   |                     |
|---|---------------------|
| Odour threshold                                 | : No data available |
| pH  | : No data available |
| Relative evaporation rate (butylacetate=1)      | : No data available |
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : No data available |
| Boiling point                                   | : > 100 °C          |
| Flash point                                     | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : Not applicable    |
| Vapour pressure                                 | : No data available |
| Relative vapour density at 20 °C                | : No data available |
| Relative density                                | : 1.62 – 1.72       |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : No data available |

### 9.2. Other information

No additional information available

## 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

Acids.

### 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 toxicological effects

|                             |                         |
|-----------------------------|-------------------------|
| Acute toxicity (oral)       | : Harmful if swallowed. |
| Acute toxicity (dermal)     | : Not classified        |
| Acute toxicity (inhalation) | : Not classified        |

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|                |                           |
|----------------|---------------------------|
| ATE CLP (oral) | 1666.667 mg/kg bodyweight |
|----------------|---------------------------|

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### 2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)

|               |   |
|---------------|---|
| LD50 oral rat | 2169 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1916 - 2455 |
|---------------|---|

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Causes severe skin burns.            |
| Serious eye damage/irritation     | : Causes serious eye damage.           |
| 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              | : Not classified                       |
| STOT-repeated exposure            | : Not classified                       |
| Aspiration hazard                 | : Not classified                       |

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |  |
|---|--|
| Ecology - general   | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                     |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects. |
| Not rapidly degradable                                    |  |

### 2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)

|                    |  |
|--------------------|--|
| LC50 fish 1        | 175 mg/l Test organisms (species): Cyprinus carpio   |
| LC50 fish 2        | 180 – 240 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)      |
| EC50 72h algae (1) | 84 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. 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. |
|-------------------------|---|






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### SECTION 14: Transport information

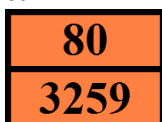
In accordance with ADR / RID / IMDG / IATA / ADN

| ADR  | IMDG   | IATA   | ADN  | RID  |
|--|--|--|--|--|
| <b>14.1. UN number</b>   |  |  |  |  |
| UN 3259  | UN 3259  | UN 3259  | UN 3259  | UN 3259  |
| <b>14.2. UN proper shipping name</b>   |  |  |  |  |
| AMINES, SOLID,<br>CORROSIVE, N.O.S. /<br>POLYAMINES, SOLID,<br>CORROSIVE, N.O.S.                         | AMINES, SOLID,<br>CORROSIVE, N.O.S.  | Amines, solid, corrosive,<br>n.o.s.  | AMINES, SOLID,<br>CORROSIVE, N.O.S.  | AMINES, SOLID,<br>CORROSIVE, N.O.S.  |
| <b>Transport document description</b>  |  |  |  |  |
| UN 3259 AMINES, SOLID,<br>CORROSIVE, N.O.S. /<br>POLYAMINES, SOLID,<br>CORROSIVE, N.O.S., 8, III,<br>(E) | UN 3259 AMINES, SOLID,<br>CORROSIVE, N.O.S., 8, III                                | UN 3259 Amines, solid,<br>corrosive, n.o.s., 8, III                                | UN 3259 AMINES, SOLID,<br>CORROSIVE, N.O.S., 8, III                                  | UN 3259 AMINES, SOLID,<br>CORROSIVE, N.O.S., 8, III                                  |
| <b>14.3. Transport hazard class(es)</b>  |  |  |  |  |
| 8  | 8  | 8  | 8  | 8  |
|                        |  |  |  |  |
| <b>14.4. Packing group</b>   |  |  |  |  |
| III  | III  | III  | III  | III  |
| <b>14.5. Environmental hazards</b>   |  |  |  |  |
| Dangerous for the<br>environment : No  | Dangerous for the<br>environment : No<br>Marine pollutant : No                     | Dangerous for the<br>environment : No  | Dangerous for the<br>environment : No  | Dangerous for the<br>environment : No  |
| No supplementary information available   |  |  |  |  |

### 14.6. Special precautions for user

#### Overland transport

|   |                           |
|---|---------------------------|
| Classification code (ADR)                                 | : C8                      |
| Special provisions (ADR)                                  | : 274                     |
| Limited quantities (ADR)                                  | : 5kg                     |
| Excepted quantities (ADR)                                 | : E1                      |
| Packing instructions (ADR)                                | : P002, IBC08, LP02, R001 |
| Special packing provisions (ADR)                          | : B3                      |
| Mixed packing provisions (ADR)                            | : MP10                    |
| Portable tank and bulk container instructions (ADR)       | : T1                      |
| Portable tank and bulk container special provisions (ADR) | : TP33                    |
| Tank code (ADR)   | : SGAV, L4BN              |
| Vehicle for tank carriage                                 | : AT                      |
| Transport category (ADR)                                  | : 3                       |
| Special provisions for carriage - Bulk (ADR)              | : VC1, VC2, AP7           |
| Hazard identification number (Kemler No.)                 | : 80                      |
| Orange plates   | :                         |



Tunnel restriction code (ADR) : E

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|   |   |
|---|---|
| EAC code  | : 2X  |
| <b>Transport by sea</b>                                   |   |
| Special provisions (IMDG)                                 | : 223, 274  |
| Limited quantities (IMDG)                                 | : 5 kg  |
| Excepted quantities (IMDG)                                | : E1  |
| Packing instructions (IMDG)                               | : P002, LP02  |
| IBC packing instructions (IMDG)                           | : IBC08   |
| IBC special provisions (IMDG)                             | : B3  |
| Tank instructions (IMDG)                                  | : T1  |
| Tank special provisions (IMDG)                            | : TP33  |
| EmS-No. (Fire)  | : F-A   |
| EmS-No. (Spillage)  | : S-B   |
| Stowage category (IMDG)                                   | : A   |
| Segregation (IMDG)  | : SGG18, SG35   |
| Properties and observations (IMDG)                        | : Colourless to yellowish solids with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Cause burns to skin, eyes and mucous membranes. React violently with acids. |
| <b>Air transport</b>                                      |   |
| PCA Excepted quantities (IATA)                            | : E1  |
| PCA Limited quantities (IATA)                             | : Y845  |
| PCA limited quantity max net quantity (IATA)              | : 5kg   |
| PCA packing instructions (IATA)                           | : 860   |
| PCA max net quantity (IATA)                               | : 25kg  |
| CAO packing instructions (IATA)                           | : 864   |
| CAO max net quantity (IATA)                               | : 100kg   |
| Special provisions (IATA)                                 | : A3, A803  |
| ERG code (IATA)   | : 8L  |
| <b>Inland waterway transport</b>                          |   |
| Classification code (ADN)                                 | : C8  |
| Special provisions (ADN)                                  | : 274   |
| Limited quantities (ADN)                                  | : 5 kg  |
| Excepted quantities (ADN)                                 | : E1  |
| Equipment required (ADN)                                  | : PP, EP  |
| Number of blue cones/lights (ADN)                         | : 0   |
| <b>Rail transport</b>                                     |   |
| Classification code (RID)                                 | : C8  |
| Special provisions (RID)                                  | : 274   |
| Limited quantities (RID)                                  | : 5kg   |
| Excepted quantities (RID)                                 | : E1  |
| Packing instructions (RID)                                | : P002, IBC08, LP02, R001   |
| Special packing provisions (RID)                          | : B3  |
| Mixed packing provisions (RID)                            | : MP10  |
| Portable tank and bulk container instructions (RID)       | : T1  |
| Portable tank and bulk container special provisions (RID) | : TP33  |
| Tank codes for RID tanks (RID)                            | : SGAV, L4BN  |
| Transport category (RID)                                  | : 3   |
| Special provisions for carriage – Bulk (RID)              | : VC1, VC2, AP7   |
| Colis express (express parcels) (RID)                     | : CE11  |
| Hazard identification number (RID)                        | : 80  |

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

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list



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Contains no REACH Annex XIV substances

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.

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

### 15.1.2. National regulations

#### Germany

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

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Ontwikkeling

#### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

### 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   |
| BLV                         | Biological limit value  |
| CAS-No.                     | Chemical Abstract Service number  |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC50                        | Median effective concentration  |
| EC-No.                      | European Community number   |
| EN                          | European Standard   |
| 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  |

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|       |   |
|-------|---|
| OEL   | Occupational Exposure Limit   |
| PBT   | Persistent Bioaccumulative Toxic  |
| PNEC  | Predicted No-Effect Concentration   |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS   | Safety Data Sheet   |
| vPvB  | Very Persistent and Very Bioaccumulative  |
| WGK   | Water Hazard Class  |

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                               |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, 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                                    |
| H302                                | Harmful if swallowed.   |
| H312                                | Harmful in contact with skin.                                     |
| H314                                | Causes severe skin burns and eye damage.                          |
| H315                                | Causes skin irritation.   |
| H317                                | May cause an allergic skin reaction.                              |
| H318                                | Causes serious eye damage.  |
| H319                                | Causes serious eye irritation.                                    |
| H411                                | Toxic to aquatic life with long lasting effects.                  |
| H412                                | Harmful to aquatic life with long lasting effects.                |

SDS EU (REACH Annex II)

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