

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

1.1. Product identifier

Product form : Mixture
Product name : DRY FLEX® SF Component A

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, Professional use
Use of the substance/mixture : Durable fine surface filler
Product only to be used in combination with component B.

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Repair Care International
Cartografenweg 34
5141 MT Waalwijk - Nederland
T + 31(0) 416 650095 - F + 31(0) 416 652024
info@repair-care.com - www.repair-care.com

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Remark |
|----------------|--|------------------------------------|------------------|---|
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA Belfast | 0344 892 0111 | Only for the purpose of informing medical personnel in cases of acute intoxications |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
Skin sensitisation, Category 1 H317
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) :

Warning

Hazardous ingredients :

oxirane, mono[(C12-14-alkyloxy)methyl] derivs.; Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol; reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)

Hazard statements (CLP) :

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P261 - Avoid breathing Vapours.
P264 - Wash hands and forearms thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.

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| | |
|--------------------------------|--|
| EUH-statements | : P280 - Wear eye protection, protective clothing, protective gloves. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. : EUH205 - Contains epoxy constituents. May produce an allergic reaction. |
| Hazard pictograms (CLP) | :   GHS07 GHS09 |
| Signal word (CLP) | : Warning |
| Hazardous ingredients | : oxirane, mono[(C12-14-alkyloxy)methyl] derivs.; Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol; reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) |
| Hazard statements (CLP) | : H317 - May cause an allergic skin reaction. |
| Precautionary statements (CLP) | : P261 - Avoid breathing Vapours. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear eye protection, protective clothing, protective gloves. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. |
| EUH-statements | : EUH205 - Contains epoxy constituents. May produce an allergic reaction. |

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | Conc. (% w/w) | Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179 |
|---|--|---------------|--|
| reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) | (CAS-No.) 25068-38-6 (EC-No.) 500-033-5 (EC Index-No.) 603-074-00-8 (REACH-no) 01-2119456619-26 | < 50 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol | (CAS-No.) 9003-36-5 (EC-No.) 500-006-8 (REACH-no) 01-2119454392-40 | < 25 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| Talc substance with national workplace exposure limit(s) (GB) | (CAS-No.) 14807-96-6 (EC-No.) 238-877-9 (REACH-no) 01-2120140278-58 | < 20 | Not classified |
| oxirane, mono[(C12-14-alkyloxy)methyl] derivs. | (CAS-No.) 68609-97-2 (EC-No.) 271-846-8 (EC Index-No.) 603-103-00-4 (REACH-no) 01-2119485289-22 | < 15 | Skin Irrit. 2, H315 Skin Sens. 1, H317 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|---|--|---|
| reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) | (CAS-No.) 25068-38-6 (EC-No.) 500-033-5 (EC Index-No.) 603-074-00-8 (REACH-no) 01-2119456619-26 | (C ≥ 5) Skin Irrit. 2, H315 (C ≥ 5) Eye Irrit. 2, H319 |

Comments : Without VOC (volatile organic compounds)

Full text of H-phrases: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell. |
| First-aid measures after skin contact | : Take off contaminated clothing. Wash with plenty of water/.... If skin irritation occurs: Get 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. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Rinse mouth. Do not induce vomiting without medical advice. Obtain emergency medical attention. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects after skin contact | : Causes skin irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Eye irritation. |

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 | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|--|
| Fire hazard | : Presents no particular fire or explosion hazard. |
| Hazardous decomposition products in case of fire | : Carbon oxides (CO, CO ₂). |

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

6.1.2. For emergency responders

| | |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area. |

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|--|
| Methods for cleaning up | : Clean up any spills as soon as possible, using an absorbent material to collect it. Scoop absorbed substance into closing containers. Store away from other materials. |
| Other information | : Dispose of materials or solid residues at an authorized site. |

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|---|
| Precautions for safe handling | : Provide good ventilation in process area to prevent formation of vapour. Avoid all eye and skin contact and do not breathe vapour and mist. |
| Handling temperature | : 5 - 50 °C |
| Hygiene measures | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product. Take off contaminated clothing and wash before reuse. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|-----------------------|---|
| Storage conditions | : Keep only in the original container in a cool, well-ventilated place. |
| Incompatible products | : Strong bases. Strong acids. Oxidation agents. |

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Storage temperature : 10 - 30 °C
Heat and ignition sources : Keep away from heat and direct sunlight.

7.3. Specific end use(s)

Industrial. Professional.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Talc (14807-96-6) | | |
|-------------------|------------------------------|-------------------------------------|
| United Kingdom | Local name | Talc |
| United Kingdom | WEL TWA (mg/m ³) | 1 mg/m ³ respirable dust |
| United Kingdom | Regulatory reference | EH40. HSE |

8.2. Exposure controls

Personal protective equipment:

Protective clothing. Gloves. Protective goggles.

Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent).

| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
|------|--|-------------------|----------------|-------------|----------|
| | nitrile rubber (NBR), butyl rubber, Polyvinylchloride (PVC) | 6 (> 480 minutes) | 0.11 | | EN 374 |

Eye protection:

Use splash goggles when eye contact due to splashing is possible

| Type | Use | Characterizations | Standard |
|--------------------|---------|-------------------|----------|
| Protective goggles | Droplet | | EN 166 |

Skin and body protection:

Wear suitable protective clothing. CEN : EN 340; EN 369; EN 465

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. EN 143



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Paste.
Colour : Beige.
Odour : characteristic.
Odour threshold : No data available.
pH : No data available.
Relative evaporation rate (butylacetate=1) : No data available.
Melting point : < 0 °C
Freezing point : No data available.
Boiling point : > 200 °C
Flash point : > 93 °C
Auto-ignition temperature : No data available.

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| | |
|----------------------------------|----------------------------|
| Decomposition temperature | : No data available. |
| Flammability (solid, gas) | : No data available. |
| Vapour pressure | : No data available. |
| Relative vapour density at 20 °C | : 1 |
| Relative density | : 1,44 |
| Solubility | : Poorly soluble in 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

Stable under normal conditions of use.

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

Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidation agent.

10.6. Hazardous decomposition products

Combustion generates: Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)

| | |
|-----------------|-------------|
| LD50 dermal rat | 26800 mg/kg |
|-----------------|-------------|

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (9003-36-5)

| | |
|-----------------|---------------|
| LD50 oral rat | > 10000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |

reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)

| | |
|--------------------|-------------|
| LD50 oral rat | 15000 mg/kg |
| LD50 dermal rabbit | 23000 mg/kg |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)

| | |
|---|----------------------|
| NOAEL (chronic, oral, animal/male, 2 years) | 100 mg/kg bodyweight |
|---|----------------------|

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (9003-36-5)

| | |
|---|----------------------|
| NOAEL (chronic, oral, animal/male, 2 years) | 250 mg/kg bodyweight |
|---|----------------------|

| | |
|-----------------------|------------------|
| Reproductive toxicity | : Not classified |
|-----------------------|------------------|

| | |
|----------------------|------------------|
| STOT-single exposure | : Not classified |
|----------------------|------------------|

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STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)

LC50 other aquatic organisms 1 96hr > 5000 mg/l leuciscus idus (OECD 203)

EC50 Daphnia 1 48hr 6,07 mg/l OECD 202

ErC50 (algae) 72hr 843,75 mg/l OECD 201

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (9003-36-5)

LC50 other aquatic organisms 1 96hr 2,54 mg/l leuciscus idus

EC50 Daphnia 1 2,55 mg/l

ErC50 (algae) 48hr 1,8 mg/l

reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)

LC50 other aquatic organisms 2 96hr 2 mg/l leuciscus idus

EC50 Daphnia 1 48hr 1,8 mg/l

ErC50 (algae) 72hr 11 mg/l

12.2. Persistence and degradability

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)

Persistence and degradability Readily biodegradable.

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (9003-36-5)

Persistence and degradability not readily degradable in water.

12.3. Bioaccumulative potential

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)

Log Pow 3,77 OECD 107

Bioaccumulative potential not bioaccumulative.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

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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. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|--|--|--|--|--|
| 14.1. UN number | | | | |
| 3082 | 3082 | 3082 | 3082 | 3082 |
| 14.2. UN proper shipping name | | | | |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, |

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| ADR | IMDG | IATA | ADN | RID |
|---|--|---|---|---|
| N.O.S. (CONTAINS ; reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol) | N.O.S. (CONTAINS ;reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol) | N.O.S. (CONTAINS ;reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol) | N.O.S. (CONTAINS ;reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol) | N.O.S. (CONTAINS ;reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol) |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ; reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol), 9, III, (E) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ;reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol), 9, III, MARINE POLLUTANT | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ;reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ;reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ;reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) ; Formaldehyde, oligomeric reaction products with 1- chloro-2,3-epoxypropane and phenol), 9, III |
| 14.3. Transport hazard class(es) | | | | |
| 9 | 9 | 9 | 9 | 9 |
| | | | | |
| 14.4. Packing group | | | | |
| III | III | III | III | III |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment : Yes | Dangerous for the environment : Yes 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) | : M6 |
| Special provisions (ADR) | : 274, 335, 601, 375 |
| Limited quantities (ADR) | : 5I |
| Excepted quantities (ADR) | : E1 |
| Packing instructions (ADR) | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (ADR) | : MP19 |
| Portable tank and bulk container instructions (ADR) | : T4 |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP29 |
| Tank code (ADR) | : LGBV |
| Vehicle for tank carriage | : AT |
| Transport category (ADR) | : 3 |
| Special provisions for carriage - Packages (ADR) | : V12 |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV13 |
| Hazard identification number (Kemler No.) | : 90 |

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Orange plates



Tunnel restriction code (ADR) : E

- Transport by sea

Special provisions (IMDG) : 274, 335, 969
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP2, TP29
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-F
Stowage category (IMDG) : A
MFAG-No : 171

- Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L
Special provisions (IATA) : A97, A158, A197
ERG code (IATA) : 9L

- Inland waterway transport

Classification code (ADN) : M6
Special provisions (ADN) : 274, 335, 375, 601
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP
Number of blue cones/lights (ADN) : 0

- Rail transport

Classification code (RID) : M6
Special provisions (RID) : 274, 335, 375, 601
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions (RID) : TP1, TP29
Tank codes for RID tanks (RID) : LGBV
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31
Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 90

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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

Contains no REACH Annex XIV substances

Directive 2012/18/EU (SEVESO III) : E2 Hazardous to the Aquatic Environment in Category Chronic 2

15.1.2. National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Revised safety data sheet in accordance with commission regulation (EU) No 2016/1179.

| Section | Changed item | Change | Comments |
|---------|---------------|----------|----------|
| | Supersedes | Modified | |
| | Revision date | Modified | |

Abbreviations and acronyms:

| | |
|--------|---|
| SDS | Safety Data Sheet |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| PBT | Persistent Bioaccumulative Toxic |
| vPvB | Very Persistent and Very Bioaccumulative |
| 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 |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| CAS | CAS (Chemical Abstracts Service) number |
| EG-nr | EINECS- en ELINCS-number |
| EINECS | European Inventory of Existing Commercial Substances |
| OEL | Occupational Exposure Limit |

Data sources : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179.

Other information : REACH Disclaimer:
This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:

| | |
|-------------------|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| H315 | Causes skin irritation. |

DRY FLEX® SF Component A

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

| | |
|--------|--|
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH205 | Contains epoxy constituents. May produce an allergic reaction. |

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

| | | |
|-------------------|------|--------------------|
| Skin Irrit. 2 | H315 | Calculation method |
| Eye Irrit. 2 | H319 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |
| Aquatic Chronic 2 | H411 | Calculation method |

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

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

1.1. Product identifier

Product form : Mixture
 Product name : DRY FLEX® SF Component B

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, Professional use
 Use of the substance/mixture : Durable fine surface filler
 Product only to be used in combination with component A.

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Repair Care International
 Cartografenweg 34
 5141 MT Waalwijk - Nederland
 T + 31(0) 416 650095 - F + 31(0) 416 652024
info@repair-care.com - www.repair-care.com

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Remark |
|----------------|--|------------------------------------|------------------|---|
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA Belfast | 0344 892 0111 | Only for the purpose of informing medical personnel in cases of acute intoxications |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

Corrosive to metals Not classified
 Acute toxicity (oral), Category 4 H302
 Skin corrosion/irritation, Category 1C H314
 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
 Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

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

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

Hazard pictograms (CLP) :



Signal word (CLP) : Danger
 Hazardous ingredients : 2,4,6-tris(dimethylaminomethyl)phenol; Pentaerythritol tetrakis(3-mercaptopropionate)
 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) : P261 - Avoid breathing Vapours.
 P264 - Wash hands, forearms and face thoroughly after handling.

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P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, eye protection, protective clothing.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

Labelling according to: exemption for packages of a capacity of 125ml or less

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

2,4,6-tris(dimethylaminomethyl)phenol; Pentaerythritol tetrakis(3-mercaptopropionate)

Hazard statements (CLP) :

H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.

Precautionary statements (CLP) :

P261 - Avoid breathing Vapours.
P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves, eye protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | Conc. (% w/w) | Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179 |
|--|---|---------------|--|
| Pentaerythritol tetrakis(3-mercaptopropionate) | (CAS-No.) 7575-23-7 (EC-No.) 231-472-8 (REACH-no) 01-2119486981-23 | < 50 | Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Talc substance with national workplace exposure limit(s) (GB) | (CAS-No.) 14807-96-6 (EC-No.) 238-877-9 (REACH-no) 01-2120140278-58 | < 20 | Not classified |
| 2,4,6-tris(dimethylaminomethyl)phenol | (CAS-No.) 90-72-2 (EC-No.) 202-013-9 (EC Index-No.) 603-069-00-0 (REACH-no) 01-2119560597-27 | < 10 | Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 |
| Bis[(dimethylamino)methyl]phenol | (CAS-No.) 71074-89-0 (EC-No.) 275-162-0 | < 3 | Skin Corr. 1B, H314 |

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Remove contaminated clothes. Wash skin with plenty of water. If skin irritation or rash occurs: Get 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. If eye irritation persists, consult a specialist.

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First-aid measures after ingestion : Rinse mouth. Do not induce vomiting without medical advice. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after skin contact : May cause an allergic skin reaction.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Presents no particular fire or explosion hazard.

Hazardous decomposition products in case of fire : For further information, refer to section 10 : "Stability and Reactivity".

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : Prevent fire fighting water from entering the environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing Vapours, Mist, Spray.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Sweep or shovel spills into appropriate container for disposal.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Concerning personal protective equipment to use, see section 8. Provide good ventilation in process area to prevent formation of vapour. Avoid contact with skin and eyes. Avoid breathing Vapours, Mist, Spray. Wear personal protective equipment.

Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Avoid extremely high (> 50 °C) or low (<5 °C) temperatures.

Incompatible products : acids.

Storage temperature : 30 - 10 °C

Heat and ignition sources : Keep away from heat and direct sunlight.

7.3. Specific end use(s)

Industrial. Professional.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Talc (14807-96-6) | | |
|-------------------|------------------------------|-------------------------------------|
| United Kingdom | Local name | Talc |
| United Kingdom | WEL TWA (mg/m ³) | 1 mg/m ³ respirable dust |
| United Kingdom | Regulatory reference | EH40. HSE |

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Protective goggles. Gloves. Protective clothing.

Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent).

| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
|---------------------------------------|---|-------------------|----------------|-------------|----------|
| Disposable gloves, Reusable gloves | nitrile rubber (NBR), Polyvinylchloride (PVC) | 6 (> 480 minutes) | ≥0,11 | | EN 374 |

Eye protection:

Protective goggles. DIN EN 166

Skin and body protection:

Wear suitable protective clothing. CEN : EN 340; EN 369; EN 465

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection. EN 143



Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|----------------------|
| Physical state | : Liquid |
| Appearance | : Paste. |
| Colour | : White. |
| Odour | : characteristic. |
| Odour threshold | : No data available. |
| pH | : No data available. |
| Relative evaporation rate (butylacetate=1) | : No data available. |
| Melting point | : < 0 °C |
| Freezing point | : No data available. |
| Boiling point | : > 100 °C |
| Flash point | : > 104 °C |
| Auto-ignition temperature | : No data available. |
| Decomposition temperature | : No data available. |
| Flammability (solid, gas) | : No data available. |
| Vapour pressure | : No data available. |

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| | |
|----------------------------------|--------------------------------|
| Relative vapour density at 20 °C | : No data available. |
| Relative density | : 1,38 |
| Solubility | : Moderately soluble in 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

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Extremely high or low temperatures. Keep away from heat and direct sunlight.

10.5. Incompatible materials

acids.

10.6. Hazardous decomposition products

No additional information available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

| | |
|----------|---------------------------|
| ATE oral | 1009,693 mg/kg bodyweight |
|----------|---------------------------|

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Causes severe skin burns and eye damage. |
| Serious eye damage/irritation | : Serious eye damage, category 1, implicit |
| 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 | : Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. |
| Acute aquatic toxicity | : Very toxic to aquatic life. |
| Chronic aquatic toxicity | : Very toxic to aquatic life with long lasting effects. |

12.2. Persistence and degradability

| | |
|-------------------------------|------------------|
| DRY FLEX® SF Component B | |
| Persistence and degradability | Not established. |

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Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

12.3. Bioaccumulative potential

DRY FLEX® SF Component B

Bioaccumulative potential : Not established.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

DRY FLEX® SF Component B

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. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|---|--|--|--|
| 14.1. UN number | | | | |
| 2735 | 2735 | 2735 | 2735 | 2735 |
| 14.2. UN proper shipping name | | | | |
| AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol) | AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol) | AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL) | AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol) | AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol) |
| UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol), 8, III, (E), ENVIRONMENTALLY HAZARDOUS | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol), 8, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL), 8, III, ENVIRONMENTALLY HAZARDOUS | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol), 8, III, ENVIRONMENTALLY HAZARDOUS | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol), 8, III, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard class(es) | | | | |
| 8 | 8 | 8 | 8 | 8 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| III | III | III | III | III |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment : Yes | Dangerous for the environment : Yes 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) : C7

Special provisions (ADR) : 274

Limited quantities (ADR) : 5I

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| | |
|---|---------------------------|
| Excepted quantities (ADR) | : E1 |
| Packing instructions (ADR) | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (ADR) | : MP19 |
| Portable tank and bulk container instructions (ADR) | : T7 |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP28 |
| Tank code (ADR) | : L4BN |
| Vehicle for tank carriage | : AT |
| Transport category (ADR) | : 3 |
| Special provisions for carriage - Packages (ADR) | : V12 |
| Hazard identification number (Kemler No.) | : 80 |
| Orange plates | : |



| | |
|-------------------------------|------|
| Tunnel restriction code (ADR) | : E |
| EAC code | : 2X |
| APP code | : B |

- Transport by sea

| | |
|------------------------------------|--|
| Special provisions (IMDG) | : 223, 274 |
| Limited quantities (IMDG) | : 5 L |
| Excepted quantities (IMDG) | : E1 |
| Packing instructions (IMDG) | : P001, LP01 |
| IBC packing instructions (IMDG) | : IBC03 |
| Tank instructions (IMDG) | : T7 |
| Tank special provisions (IMDG) | : TP1, TP28 |
| EmS-No. (Fire) | : F-A |
| EmS-No. (Spillage) | : S-B |
| Stowage category (IMDG) | : A |
| Segregation (IMDG) | : SG35 |
| Properties and observations (IMDG) | : Colourless to yellowish liquids or solutions 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. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes. |
| MFAG-No | : 153 |

- Air transport

| | |
|--|--------|
| PCA Excepted quantities (IATA) | : E1 |
| PCA Limited quantities (IATA) | : Y841 |
| PCA limited quantity max net quantity (IATA) | : 1L |
| PCA packing instructions (IATA) | : 852 |
| PCA max net quantity (IATA) | : 5L |
| CAO packing instructions (IATA) | : 856 |
| CAO max net quantity (IATA) | : 60L |
| Special provisions (IATA) | : A3 |
| ERG code (IATA) | : 8L |

- Inland waterway transport

| | |
|-----------------------------------|----------|
| Classification code (ADN) | : C7 |
| Special provisions (ADN) | : 274 |
| Limited quantities (ADN) | : 5 L |
| Excepted quantities (ADN) | : E1 |
| Carriage permitted (ADN) | : T |
| Equipment required (ADN) | : PP, EP |
| Number of blue cones/lights (ADN) | : 0 |

- Rail transport

| | |
|---------------------------|------|
| Classification code (RID) | : C7 |
|---------------------------|------|

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| | |
|---|---------------------------|
| Special provisions (RID) | : 274 |
| Limited quantities (RID) | : 5L |
| Excepted quantities (RID) | : E1 |
| Packing instructions (RID) | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (RID) | : MP19 |
| Portable tank and bulk container instructions (RID) | : T7 |
| Portable tank and bulk container special provisions (RID) | : TP1, TP28 |
| Tank codes for RID tanks (RID) | : L4BN |
| Transport category (RID) | : 3 |
| Special provisions for carriage – Packages (RID) | : W12 |
| Colis express (express parcels) (RID) | : CE8 |
| 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

Contains no REACH Annex XIV substances

Directive 2012/18/EU (SEVESO III) : E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

15.1.2. National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Revised safety data sheet in accordance with commission regulation (EU) No 2016/1179.

| Section | Changed item | Change | Comments |
|---------|--|----------|----------|
| | Supersedes | Modified | |
| | Revision date | Modified | |
| 2 | Labelling according to exemption for packages of a capacity of 125ml or less | Added | |
| 2.1 | Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179 | Modified | |
| 2.2 | Precautionary statements (CLP) | Modified | |

Abbreviations and acronyms:

| | |
|-------|---|
| SDS | Safety Data Sheet |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| PBT | Persistent Bioaccumulative Toxic |
| vPvB | Very Persistent and Very Bioaccumulative |
| 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 |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| CAS | CAS (Chemical Abstracts Service) number |

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| | |
|--------|--|
| EG-nr | EINECS- en ELINCS-number |
| EINECS | European Inventory of Existing Commercial Substances |
| OEL | Occupational Exposure Limit |

Data sources : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179.

Other information : REACH Disclaimer:
This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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 |
| Met. Corr. Not classified | Corrosive to metals Not classified |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B |
| Skin Corr. 1C | Skin corrosion/irritation, Category 1C |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

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

| | | |
|---------------------------|------|--------------------|
| Met. Corr. Not classified | | Expert judgment |
| Acute Tox. 4 (Oral) | H302 | Calculation method |
| Skin Corr. 1C | H314 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |
| Aquatic Acute 1 | H400 | Calculation method |
| Aquatic Chronic 1 | H410 | Calculation method |

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