



## Safety Data Sheet according to Regulation (EC) No 1907/2006

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SDS No. : 545205  
V001.0

Revision: 23.05.2018  
printing date: 30.01.2021  
Replaces version from: -

Dylon Machine Dye Pod - Smoke Grey

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

#### 1.1. Product identifier

Dylon Machine Dye Pod - Smoke Grey

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

Intended use:  
Fabric Dyes

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

Henkel Ltd.  
Wood Lane End, Hemel Hempstead  
HP2 4RQ Hertfordshire  
Phone: +44 (0) 1442 278000

consumer.response@henkel.com

#### 1.4. Emergency telephone number

Henkel Hemel Hempstead: +44 1442 278000 / 0845 490 0176 (Monday to Friday from 9.00 to 17:00)

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No 1272/2008 (CLP):

Eye Dam. 1  
H318 Causes serious eye damage.  
Skin Irrit. 2  
H315 Causes skin irritation.

#### 2.2. Label elements

##### Label elements (CLP):

##### Hazard pictogram:



##### Signal word:

Danger

##### Hazard statement:

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
EUH208 Contains C.I. Reactive Yellow 125; C.I. Reactive Blue 225; C.I. Reactive Black 5; C.I. Reactive Red 159. May produce an allergic reaction.

**Precautionary statement:** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 Wear protective gloves/eye protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor.  
P302+P352 IF ON SKIN: Wash with plenty of water.

**Contains:**  
sodium metasilicate

**2.3. Other hazards**  
None if used properly.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

#### 3.2. Mixtures

**Hazardous substances according to CLP (EC) No 1272/2008:**

| Hazardous substances<br>CAS-No.        | EINECS    | REACH-Reg No.    | Content       | Classification  |
|--|-----------|------------------|---------------|---|
| Sodium carbonate<br>497-19-8           | 207-838-8 | 01-2119485498-19 | >= 40- < 60 % | Serious eye irritation 2<br>H319  |
| C.I. Reactive Yellow 125<br>68155-62-4 | 268-974-1 |                  | >= 0,1- < 1 % | Skin sensitizer 1<br>H317   |
| C.I. Reactive Red 159<br>83400-12-8    | 280-427-9 |                  | >= 0,1- < 1 % | Skin sensitizer 1B<br>H317  |
| C.I. Reactive Black 5<br>17095-24-8    | 241-164-5 |                  | >= 0,1- < 1 % | Skin sensitizer 1<br>H317<br>Respiratory sensitizer 1<br>H334   |
| C.I. Reactive Blue 225<br>108624-00-6  |           |                  | >= 0,1- < 1 % | Skin sensitizer 1<br>H317   |
| sodium metasilicate<br>6834-92-0       | 229-912-9 | 01-2119449811-37 | >= 0,1- < 1 % | Skin corrosion 1B<br>H314<br>Corrosive to metals 1<br>H290<br>Specific target organ toxicity - single<br>exposure 3<br>H335 |

**For full text of the H - Phrases indicated by codes only see Section 16 "Other information".**

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information:**  
In case of adverse health effects seek medical advice.

**Inhalation:**  
Move to fresh air. In case of breathing difficulties seek immediate medical advice.

**Skin contact:**  
Rinse with water. Take off all clothing contaminated by the product.

**Eye contact:**  
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

**Ingestion:**  
Do not induce vomiting, seek medical advice immediately.  
Rinse mouth with water, (only if the person is conscious).

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

After inhalation: Irritation of the respiratory tract, coughing. Inhalation of larger amounts may cause laryngospasm with shortness of breath.

After skin contact: Temporary irritation of the skin (redness, swelling, burning).

After eye contact: Moderate to strong irritation of the eyes (redness, swelling, burning, watering eyes).

After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting. Vomit may get into the lungs causing damage (aspiration).

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

After inhalation: No special action.

After skin contact: No special action.

After eye contact: No special action.

After ingestion: Do not induce vomiting. Single administration of a non-carbonated beverage (water or tea).

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media:

Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions.

Commercially available extinguishers are suitable for fighting incipient fires. The product itself does not burn.

**Extinguishing media which must not be used for safety reasons:**

None

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

Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.

**5.3. Advice for firefighters**

Use personal protective equipment and self-contained breathing apparatus.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.

Ensure adequate ventilation.

If large amounts are released contact the fire service.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

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

Remove mechanically. Rinse away residue with plenty of water.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

No special measures required if used properly.

**Hygiene measures:**

Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water, skin care.

Protective equipment only required in case of industrial use or for large packs (not for household packs)

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

Store dry at between +5 and +40°C.  
Consider national regulations.

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

Fabric Dyes

**SECTION 8: Exposure controls/personal protection**

**Only relevant for professional/industrial use**

**8.1. Control parameters**

Valid for  
Great Britain

Contains no components with occupational exposure limit values.  
Attention: general dust limit value 6 mg/m<sup>3</sup> (fine dust concentration)

**8.2. Exposure controls**

Respiratory protection:  
If dust is produced wear P2 mask.

Hand protection:

For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:  
Wear tight fitting goggles.

Skin protection:  
Protective clothing against chemicals. Observe manufacturer's instructions.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**The following data apply to the whole mixture.**

|   |                                    |
|---|------------------------------------|
| a) Appearance                                     | powder<br>free-flowing<br>grey     |
| b) Odor   | characteristic                     |
| c) Odour threshold                                | No data available / Not applicable |
| d) pH<br>(; Conc.: 10 g/l)                        | 11,51                              |
| e) Melting point                                  | No data available / Not applicable |
| f) Initial boiling point and boiling range        | No data available / Not applicable |
| g) Flash point                                    | Not applicable                     |
| h) Evaporation rate                               | No data available / Not applicable |
| i) Flammability (solid , gas)                     | No data available / Not applicable |
| j) Upper / lower flammability or explosive limits | No data available / Not applicable |
| k) Vapour pressure                                | No data available / Not applicable |
| l) Vapor density                                  | No data available / Not applicable |
| m) Relative density                               |                                    |
| Bulk density                                      | 900,000 - 1.200,000 g/l            |
| n) Solubility (ies)                               | soluble in water                   |
| o) Partition coefficient: n-octanol/water         | No data available / Not applicable |
| p) Auto-ignition temperature                      | No data available / Not applicable |
| q) Decomposition temperature                      | No data available / Not applicable |

- |                         |                                    |
|-------------------------|------------------------------------|
| r) Viscosity            | No data available / Not applicable |
| s) Explosive properties | No data available / Not applicable |
| t) Oxidising properties | No data available / Not applicable |

**9.2. Other information**

Not applicable

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None if used for intended purpose.

**10.2. Chemical stability**

Stable under normal conditions of temperature and pressure.

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

No decomposition if used according to specifications.

**10.5. Incompatible materials**

None if used properly.

**10.6. Hazardous decomposition products**

No decomposition if used according to specifications.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.       | Value<br>type | Value         | Species | Method                                   |
|---------------------------------------|---------------|---------------|---------|--|
| Sodium carbonate<br>497-19-8          | LD50          | 2.800 mg/kg   | rat     | not specified                            |
| C.I. Reactive Black 5<br>17095-24-8   | LD50          | > 5.000 mg/kg | rat     | OECD Guideline 401 (Acute Oral Toxicity) |
| C.I. Reactive Blue 225<br>108624-00-6 | LD50          | > 5.000 mg/kg | rat     | EU Method B.1 (Acute Toxicity (Oral))    |

**Acute dermal toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.  | Value<br>type | Value         | Species | Method  |
|----------------------------------|---------------|---------------|---------|---|
| Sodium carbonate<br>497-19-8     | LD50          | > 2.000 mg/kg | rabbit  | EPA 16 CFR 1500.40 (Method of testing toxic substances) |
| sodium metasilicate<br>6834-92-0 | LD50          | > 5.000 mg/kg | rat     | EPA OPPTS 870.1200 (Acute Dermal Toxicity)              |

**Acute inhalative toxicity:**

No data available.

**Skin corrosion/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.       | Result         | Exposure<br>time | Species | Method   |
|---------------------------------------|----------------|------------------|---------|--|
| Sodium carbonate<br>497-19-8          | not irritating | 4 h              | rabbit  | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |
| C.I. Reactive Black 5<br>17095-24-8   | not irritating | 4 h              | rabbit  | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |
| C.I. Reactive Blue 225<br>108624-00-6 | not irritating | 4 h              | rabbit  | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |
| sodium metasilicate<br>6834-92-0      | corrosive      | 4 h              | rabbit  | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

**Serious eye damage/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.       | Result         | Exposure<br>time | Species | Method  |
|---------------------------------------|----------------|------------------|---------|---|
| Sodium carbonate<br>497-19-8          | irritating     |                  | rabbit  | not specified   |
| C.I. Reactive Black 5<br>17095-24-8   | not irritating |                  | rabbit  | not specified   |
| C.I. Reactive Blue 225<br>108624-00-6 | not irritating |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

**Respiratory or skin sensitization:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.       | Result          | Test type                             | Species    | Method   |
|---------------------------------------|-----------------|---------------------------------------|------------|--|
| C.I. Reactive Black 5<br>17095-24-8   | not sensitising | Guinea pig maximisation<br>test       | guinea pig | OECD Guideline 406 (Skin Sensitisation)                            |
| C.I. Reactive Black 5<br>17095-24-8   | ambiguous       | Respiratory sensitisation             | guinea pig | not specified  |
| C.I. Reactive Blue 225<br>108624-00-6 | sensitising     | Guinea pig maximisation<br>test       | guinea pig | OECD Guideline 406 (Skin Sensitisation)                            |
| sodium metasilicate<br>6834-92-0      | not sensitising | Mouse local lymphnode<br>assay (LLNA) | mouse      | OECD Guideline 429 (Skin Sensitisation:<br>Local Lymph Node Assay) |

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.       | Result   | Type of study / Route of administration  | Metabolic activation / Exposure time | Species          | Method  |
|------------------------------------|----------|--|--------------------------------------|------------------|---|
| Sodium carbonate 497-19-8          | negative | bacterial reverse mutation assay (e.g Ames test)                                   | with                                 |                  | Ames Test   |
| C.I. Reactive Black 5 17095-24-8   | negative | bacterial reverse mutation assay (e.g Ames test)                                   | with and without                     |                  | OECD Guideline 471 (Bacterial Reverse Mutation Assay)   |
| C.I. Reactive Blue 225 108624-00-6 | negative | bacterial reverse mutation assay (e.g Ames test)                                   | with and without                     |                  | Ames Test   |
| C.I. Reactive Blue 225 108624-00-6 | negative | DNA damage and repair assay, unscheduled DNA synthesis in mammalian cells in vitro | with and without                     |                  | OECD Guideline 482 (Genetic Toxicology: DNA Damage and Repair, Unscheduled DNA Synthesis in Mammalian Cells In Vitro) |
| sodium metasilicate 6834-92-0      | negative | bacterial reverse mutation assay (e.g Ames test)                                   | with and without                     |                  | OECD Guideline 471 (Bacterial Reverse Mutation Assay)   |
| sodium metasilicate 6834-92-0      | negative | in vitro mammalian chromosome aberration test                                      | with and without                     |                  | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)  |
| sodium metasilicate 6834-92-0      | negative | mammalian cell gene mutation assay   | with and without                     |                  | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)   |
| C.I. Reactive Black 5 17095-24-8   | negative | oral: gavage   |                                      | mouse            | OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)  |
| C.I. Reactive Black 5 17095-24-8   | negative | oral: gavage   |                                      | hamster, Chinese | OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)   |
| sodium metasilicate 6834-92-0      | negative | oral: feed   |                                      | mouse            | OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)   |

**Carcinogenicity**

No data available.

**Reproductive toxicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.     | Result / Value                              | Test type             | Route of application | Species | Method  |
|----------------------------------|---|-----------------------|----------------------|---------|---|
| C.I. Reactive Black 5 17095-24-8 | NOAEL P 1.000 mg/kg<br>NOAEL F1 1.000 mg/kg | One generation study  | oral: gavage         | rat     | OECD Guideline 415 (One-Generation Reproduction Toxicity Study) |
| sodium metasilicate 6834-92-0    | NOAEL P > 159 mg/kg                         | multigeneration study | oral: drinking water | rat     | not specified   |

**STOT-single exposure:**

No data available.

**STOT-repeated exposure::**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.     | Result / Value        | Route of application | Exposure time / Frequency of treatment | Species | Method   |
|----------------------------------|-----------------------|----------------------|--|---------|--|
| C.I. Reactive Black 5 17095-24-8 | NOAEL 250 mg/kg       | oral: gavage         | 90 d daily                             | rat     | OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| sodium metasilicate 6834-92-0    | NOAEL 227 - 237 mg/kg | oral: drinking water | 3 m daily                              | rat     | OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |

**Aspiration hazard:**

No data available.

**SECTION 12: Ecological information****12.1. Toxicity****Toxicity (Fish):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.        | Value type | Value       | Exposure time | Species                                   | Method   |
|-------------------------------------|------------|-------------|---------------|---|--|
| Sodium carbonate 497-19-8           | LC50       | 300 mg/l    | 96 h          | Lepomis macrochirus                       | OECD Guideline 203 (Fish, Acute Toxicity Test)                   |
| C.I. Reactive Yellow 125 68155-62-4 | LC50       | > 100 mg/l  | 96 h          | Oncorhynchus mykiss                       | OECD Guideline 203 (Fish, Acute Toxicity Test)                   |
| C.I. Reactive Red 159 83400-12-8    | LC50       | > 100 mg/l  | 48 h          | Leuciscus idus                            | OECD Guideline 203 (Fish, Acute Toxicity Test)                   |
| C.I. Reactive Black 5 17095-24-8    | LC50       | > 100 mg/l  | 96 h          | Oryzias latipes                           | OECD Guideline 203 (Fish, Acute Toxicity Test)                   |
| C.I. Reactive Black 5 17095-24-8    | NOEC       | >= 100 mg/l | 14 d          | Oryzias latipes                           | OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study) |
| sodium metasilicate 6834-92-0       | LC50       | 210 mg/l    | 96 h          | Brachydanio rerio (new name: Danio rerio) | not specified  |

**Toxicity (Daphnia):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.     | Value type | Value          | Exposure time | Species          | Method   |
|----------------------------------|------------|----------------|---------------|------------------|--|
| Sodium carbonate 497-19-8        | EC50       | 200 - 227 mg/l | 48 h          | Ceriodaphnia sp. | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| C.I. Reactive Black 5 17095-24-8 | EC50       | 748 mg/l       | 48 h          | Daphnia magna    | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| sodium metasilicate 6834-92-0    | EC50       | 1.700 mg/l     | 48 h          | Daphnia magna    | not specified  |

**Chronic toxicity to aquatic invertebrates**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.     | Value type | Value     | Exposure time | Species       | Method                                      |
|----------------------------------|------------|-----------|---------------|---------------|---|
| C.I. Reactive Black 5 17095-24-8 | NOEC       | 1,25 mg/l | 21 d          | Daphnia magna | OECD 211 (Daphnia magna, Reproduction Test) |



**Toxicity (Algae):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.     | Value type | Value     | Exposure time | Species   | Method  |
|----------------------------------|------------|-----------|---------------|---|---|
| Sodium carbonate 497-19-8        | EC50       | 137 mg/l  | 5 d           | Nitzschia sp.   | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| C.I. Reactive Black 5 17095-24-8 | EC50       | 25,5 mg/l | 72 h          | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| C.I. Reactive Black 5 17095-24-8 | EC10       | 5,1 mg/l  | 72 h          | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| sodium metasilicate 6834-92-0    | EC0        | 36 mg/l   | 72 h          | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | DIN 38412-09                                      |
| sodium metasilicate 6834-92-0    | EC50       | 213 mg/l  | 72 h          | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | DIN 38412-09                                      |

**Toxicity to microorganisms**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.        | Value type | Value        | Exposure time | Species            | Method   |
|-------------------------------------|------------|--------------|---------------|--------------------|--|
| Sodium carbonate 497-19-8           | EC 50      | 300 mg/l     | 30 min        |                    | not specified  |
| C.I. Reactive Yellow 125 68155-62-4 | EC 50      | > 1.000 mg/l | 3 h           | activated sludge   | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |
| C.I. Reactive Red 159 83400-12-8    | EC0        | 1.000 mg/l   | 16 h          | Pseudomonas putida | DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)           |
| C.I. Reactive Black 5 17095-24-8    | EC 50      | > 5.000 mg/l | 3 h           | activated sludge   | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |
| sodium metasilicate 6834-92-0       | EC0        | 1.000 mg/l   | 30 min        |                    | not specified  |

**12.2. Persistence and degradability**

| Hazardous substances CAS-No.        | Result                       | Test type | Degradability | Exposure time | Method   |
|-------------------------------------|------------------------------|-----------|---------------|---------------|--|
| C.I. Reactive Yellow 125 68155-62-4 | not inherently biodegradable | aerobic   | 10 %          | 28 day        | OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test) |
| C.I. Reactive Red 159 83400-12-8    | not inherently biodegradable | aerobic   | < 10,000000 % | 28 day        | OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test) |
| C.I. Reactive Black 5 17095-24-8    | not inherently biodegradable | aerobic   | 0 %           | 28 day        | OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test) |

**12.3. Bioaccumulative potential**

Does not bioaccumulate.

| Hazardous substances CAS-No.     | Bioconcentration factor (BCF) | Exposure time | Temperature | Species         | Method  |
|----------------------------------|-------------------------------|---------------|-------------|-----------------|---|
| C.I. Reactive Black 5 17095-24-8 | < 11                          | 42,000 day    | 25,0 °C     | Cyprinus carpio | OECD Guideline 305 (Bioconcentration: Flow-through Fish Test) |

**12.4. Mobility in soil**

| Hazardous substances<br>CAS-No.     | LogPow | Temperature | Method   |
|-------------------------------------|--------|-------------|--|
| C.I. Reactive Black 5<br>17095-24-8 | -4,34  | 20 °C       | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |

**12.5. Results of PBT and vPvB assessment**

| Hazardous substances<br>CAS-No.  | PBT / vPvB  |
|----------------------------------|---|
| Sodium carbonate<br>497-19-8     | According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances. |
| sodium metasilicate<br>6834-92-0 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.           |

**12.6. Other adverse effects**

Other adverse effects of this product for the environment are not known to us.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product disposal:

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

Only completely empty containers are to be disposed of as recoverable materials.

**SECTION 14: Transport information****14.1. UN number**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.2. UN proper shipping name**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.3. Transport hazard class(es)**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.4. Packing group**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.5. Environmental hazards**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.6. Special precautions for user**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**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**

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

**Further information:**

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This Safety Data Sheet contains changes from the previous version in Section(s):

1 - 16