

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 6/23/2016 Revision date: 3/12/2018 Supersedes: 5/7/2017 Version: 3.1

## DRIVING SURFACE PERFECTION

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

1.1. Product identifier

Product form : Mixture

Product name : CLEARCOAT (CLC/A-R)

Vaporizer : Aerosol Product group : Aerosol

Other means of identification : ISOPON CLEARCOAT

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

#### 1.2.1. Relevant identified uses

Intended for general public

Industrial/Professional use spec : Intended for general public

Function or use category : Aerosol

#### 1.2.2. Uses advised against

No additional information available

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

**U-POL LIMITED** 

Denington Road, Wellingborough Northants. NN8 2QH - UK

T +44 (0) 1933 230310 - F +44 (0) 1933 425797 technical.department@u-pol.com - www.u-pol.com

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 870 8200418

### **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229
Serious eye damage/eye irritation, Category 2 H319
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336

Full text of H statements: see section 16

## Adverse physicochemical, human health and environmental effects

No additional information available

## 2.2. Label elements

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

Hazard pictograms (CLP)





GHS02

GHS07

Signal word (CLP) : Danger Hazardous ingredients : Acetone

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP) : P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

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smoking.

P251 - Do not pierce or burn, even after use.

P280 - Wear eye protection, protective clothing, protective gloves.

P305 - IF IN EYES: Wash with plenty of water and if necessary take medical advice P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation

: EUH208 - Contains reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-

hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-

butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-

hydroxyphenyl)propionyloxypoly(oxyethylene), reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an

allergic reaction.

EUH066 - Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

**EUH-statements** 

No additional information available

## **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name   | Product identifier  | %          | Classification according to<br>Regulation (EC) No.<br>1272/2008 [CLP]  |
|--|---|------------|--|
| dimethyl ether<br>substance with a Community workplace exposure limit<br>(Note U)  | (CAS-No.) 115-10-6<br>(EC-No.) 204-065-8<br>(EC Index-No.) 603-019-00-8                                 | 25 - 50    | Flam. Gas 1, H220<br>Press. Gas  |
| Acetone  | (CAS-No.) 67-64-1<br>(EC-No.) 200-662-2<br>(EC Index-No.) 606-001-00-8<br>(REACH-no) 01-2119471330-49   | 20 - 25    | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336  |
| ethyl methyl ketone  | (CAS-No.) 78-93-3<br>(EC-No.) 201-159-0<br>(EC Index-No.) 606-002-00-3<br>(REACH-no) 01-2119457290-43   | 10 - 20    | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336  |
| 4-methylpentan-2-one, isobutyl methyl ketone   | (CAS-No.) 108-10-1<br>(EC-No.) 203-550-1<br>(EC Index-No.) 606-004-00-4<br>(REACH-no) 01-2119473980-30  | 3 - 5      | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2, H319<br>STOT SE 3, H335                         |
| 2-methoxy-1-methylethyl acetate substance with a Community workplace exposure limit  | (CAS-No.) 108-65-6<br>(EC-No.) 203-603-9<br>(EC Index-No.) 607-195-00-7                                 | 1 - 2.5    | Flam. Liq. 3, H226   |
| xylene<br>substance with a Community workplace exposure limit<br>(Note C)  | (CAS-No.) 1330-20-7<br>(EC-No.) 215-535-7<br>(EC Index-No.) 601-022-00-9<br>(REACH-no) 01-2119488216-32 | 0.3 - 1    | Flam. Liq. 3, H226<br>Acute Tox. 4 (Inhalation), H332<br>Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315            |
| ethylbenzene<br>substance with a Community workplace exposure limit  | (CAS-No.) 100-41-4<br>(EC-No.) 202-849-4<br>(EC Index-No.) 601-023-00-4<br>(REACH-no) 01-2119489370-35  | 0.1 - 0.25 | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation:dust,mist),<br>H332<br>STOT RE 2, H373<br>Asp. Tox. 1, H304             |
| reaction mass of $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -hydroxypoly(oxyethylene) and $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) | (EC-No.) 400-830-7<br>(EC Index-No.) 607-176-00-3   | 0.1 - 0.25 | Skin Sens. 1, H317<br>Aquatic Chronic 2, H411  |
| reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate   | (CAS-No.) 1065336-91-5<br>(EC-No.) 915-687-0<br>(REACH-no) 01-2119491304-40                             | < 0.1      | Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410  |
| toluene<br>substance with a Community workplace exposure limit   | (CAS-No.) 108-88-3<br>(EC-No.) 203-625-9<br>(EC Index-No.) 601-021-00-3<br>(REACH-no) 01-2119471310-51  | < 0.1      | Flam. Liq. 2, H225<br>Repr. 2, H361d<br>Asp. Tox. 1, H304<br>STOT RE 2, H373<br>Skin Irrit. 2, H315<br>STOT SE 3. H336 |

Full text of H-statements: see section 16

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### **SECTION 4: First aid measures**

#### **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. Call a POISON

CENTER/doctor if you feel unwell.

Remove affected clothing and wash all exposed skin area with mild soap and water, followed First-aid measures after skin contact

by warm water rinse. Repeated exposure may cause skin dryness or cracking.

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to First-aid measures after eye contact

do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical

advice/attention.

: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. First-aid measures after ingestion

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

Symptoms/effects after inhalation : May cause drowsiness or dizziness. Symptoms/effects after eye contact : Causes serious eye irritation.

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

No additional information available

## **SECTION 5: Firefighting measures**

#### **Extinguishing media**

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

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

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

No additional information available

#### 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.

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

## **SECTION 6: Accidental release measures**

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

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

For non-emergency personnel 6.1.1.

Protective equipment : Safety glasses. Protective clothing. Gloves.

**Emergency procedures** : Evacuate unnecessary personnel.

6.1.2. For emergency responders

: Equip cleanup crew with proper protection. Avoid breathing smokes, spray, vapours. Protective equipment

**Emergency procedures** : Ventilate area.

## **Environmental precautions**

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

## Methods and material for containment and cleaning up

For containment : Contain leaking substance. Collect spillage.

: Store away from other materials. Methods for cleaning up

### Reference to other sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection.

## **SECTION 7: Handling and storage**

### **Precautions for safe handling**

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation

Hygiene measures : Wash hands thoroughly after handling.

## Conditions for safe storage, including any incompatibilities

Storage conditions Keep only in the original container in a cool, well ventilated place away from : Direct sunlight.

Do not expose to temperatures exceeding 50 °C/ 122 °F, Heat sources, Ignition sources. Keep

of vapour. Avoid breathing fume, spray, vapours. Use only outdoors or in a well-ventilated area.

container tightly closed.

Incompatible products Strong bases. Strong acids.

: Sources of ignition. Direct sunlight. Incompatible materials

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Storage temperature : < 25 °C

Storage area : Store in well ventilated area.

Special rules on packaging : Keep only in original container.

## 7.3. Specific end use(s)

No additional information available

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

## 8.1. Control parameters

| dimethyl ether (115-10-6) |  |   |  |
|---------------------------|--|---|--|
| EU                        | Local name   | Dimethylether   |  |
| EU                        | IOELV TWA (mg/m³)  | 1920 mg/m <sup>3</sup>  |  |
| EU                        | IOELV TWA (ppm)  | 1000 ppm  |  |
| United Kingdom            | Local name   | Dimethyl ether  |  |
| United Kingdom            | WEL TWA (mg/m³)  | 766 mg/m³   |  |
| United Kingdom            | WEL TWA (ppm)  | 400 ppm   |  |
| United Kingdom            | WEL STEL (mg/m³)   | 958 mg/m³   |  |
| United Kingdom            | WEL STEL (ppm)   | 500 ppm   |  |
| ethylbenzene (100-41-4)   | WEE 6122 (pp.m)  | Сострын   |  |
| EU                        | Local name   | Ethylbenzene  |  |
| EU                        | IOELV TWA (mg/m³)  | 442 mg/m³   |  |
| EU                        | IOELV TWA (III)  | 100 ppm   |  |
| EU                        | IOELV TWA (ppin)  IOELV STEL (mg/m³)   | 884 mg/m³   |  |
| EU                        | IOELV STEL (mg/m²)   | 200 ppm   |  |
| EU                        | Notes  | Skin  |  |
| United Kingdom            | Local name   | Ethylbenzene  |  |
| United Kingdom            | WEL TWA (mg/m³)  | 441 mg/m <sup>3</sup>   |  |
| United Kingdom            | WEL TWA (Ing/III-)   | 100 ppm   |  |
| United Kingdom            | WEL STEL (mg/m³)   | 552 mg/m <sup>3</sup>   |  |
| United Kingdom            | WEL STEL (mg/m²) WEL STEL (ppm)  | 125 ppm   |  |
| United Kingdom            | The state of the s |   |  |
| Onited Kingdom            | Remark (WEL)   | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)   |  |
| xylene (1330-20-7)        |  |   |  |
| EU                        | Local name   | Xylene, mixed isomers, pure   |  |
| EU                        | IOELV TWA (mg/m³)  | 221 mg/m³   |  |
| EU                        | IOELV TWA (ppm)  | 50 ppm  |  |
| EU                        | IOELV STEL (mg/m³)   | 442 mg/m³   |  |
| EU                        | IOELV STEL (ppm)   | 100 ppm   |  |
| EU                        | Notes  | Skin  |  |
| United Kingdom            | Local name   | Xylene, o-,m-,p- or mixed isomers   |  |
| United Kingdom            | WEL TWA (mg/m³)  | 220 mg/m³   |  |
| United Kingdom            | WEL TWA (ppm)  | 50 ppm  |  |
| United Kingdom            | WEL STEL (mg/m³)   | 441 mg/m³   |  |
| United Kingdom            | WEL STEL (ppm)   | 100 ppm   |  |
| United Kingdom            | Remark (WEL)   | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2) |  |
| toluene (108-88-3)        |  |   |  |
| EU                        | Local name   | Toluène   |  |
| EU                        | IOELV TWA (mg/m³)  | 192 mg/m³   |  |
| EU                        | IOELV TWA (ppm)  | 50 ppm  |  |
| EU                        | IOELV STEL (mg/m³)   | 384 mg/m³   |  |
| EU                        | IOELV STEL (ppm)   | 100 ppm   |  |
| EU                        | Notes  | Peau  |  |
| United Kingdom            | Local name   | Toulene   |  |
| United Kingdom            | WEL TWA (mg/m³)  | 191 mg/m³   |  |
| United Kingdom            | WEL TWA (ppm)  | 50 ppm  |  |
|                           | WEL STEL (mg/m³)   | 384 mg/m³   |  |

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| toluene (108-88-3)      |                                   |   |
|-------------------------|-----------------------------------|---|
| United Kingdom          | WEL STEL (ppm)                    | 100 ppm   |
| United Kingdom          | Remark (WEL)                      | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)   |
| ethyl methyl ketone (78 | 3-93-3)                           |   |
| EU                      | Local name                        | Butanone  |
| EU                      | IOELV TWA (mg/m³)                 | 600 mg/m³   |
| EU                      | IOELV TWA (ppm)                   | 200 ppm   |
| EU                      | IOELV STEL (mg/m³)                | 900 mg/m³   |
| EU                      | IOELV STEL (ppm)                  | 300 ppm   |
| United Kingdom          | Local name                        | Butan-2-one (methyl ethyl ketone)   |
| United Kingdom          | WEL TWA (mg/m³)                   | 600 mg/m <sup>3</sup>   |
| United Kingdom          | WEL TWA (ppm)                     | 200 ppm   |
| United Kingdom          | WEL STEL (mg/m³)                  | 899 mg/m³   |
| United Kingdom          | WEL STEL (ppm)                    | 300 ppm   |
| United Kingdom          | Remark (WEL)                      | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2) |
| 4-methylpentan-2-one,   | isobutyl methyl ketone (108-10-1) |   |
| EU                      | Local name                        | 4-Methylpentan-2-one  |
| EU                      | IOELV TWA (mg/m³)                 | 83 mg/m <sup>3</sup>  |
| EU                      | IOELV TWA (ppm)                   | 20 ppm  |
| EU                      | IOELV STEL (mg/m³)                | 208 mg/m³   |
| EU                      | IOELV STEL (ppm)                  | 50 ppm  |
| United Kingdom          | Local name                        | 4-Methylpentan-2-one  |
| United Kingdom          | WEL TWA (mg/m³)                   | 208 mg/m³   |
| United Kingdom          | WEL TWA (ngm)                     | 50 ppm  |
| United Kingdom          | WEL STEL (mg/m³)                  | 416 mg/m³   |
| United Kingdom          | WEL STEL (mg/m²) WEL STEL (ppm)   | 100 ppm   |
| United Kingdom          | Remark (WEL)                      | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2) |
| 2-methoxy-1-methyleth   | yl acetate (108-65-6)             |   |
| EU                      | Local name                        | 2-Methoxy-1-methylethylacetate  |
| EU                      | IOELV TWA (mg/m³)                 | 275 mg/m³   |
| EU                      | IOELV TWA (ppm)                   | 50 ppm  |
| EU                      | IOELV STEL (mg/m³)                | 550 mg/m³   |
| EU                      | IOELV STEL (ppm)                  | 100 ppm   |
| EU                      | Notes                             | Skin  |
| United Kingdom          | Local name                        | 1-Methoxypropyl acetate   |
| United Kingdom          | WEL TWA (mg/m³)                   | 274 mg/m³   |
| United Kingdom          | WEL TWA (ppm)                     | 50 ppm  |
| United Kingdom          | WEL STEL (mg/m³)                  | 548 mg/m³   |
| United Kingdom          | WEL STEL (ppm)                    | 100 ppm   |
| United Kingdom          | Remark (WEL)                      | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)   |
| Acetone (67-64-1)       |                                   |   |
| EU                      | Local name                        | Acetone   |
| EU                      | IOELV TWA (mg/m³)                 | 1210 mg/m³  |
| EU                      | IOELV TWA (ppm)                   | 500 ppm   |
| United Kingdom          | Local name                        | Acetone   |
| United Kingdom          | WEL TWA (mg/m³)                   | 1210 mg/m³  |
| United Kingdom          | WEL TWA (ppm)                     | 500 ppm   |
| United Kingdom          | WEL STEL (mg/m³)                  | 3620 mg/m³  |
| United Kingdom          | WEL STEL (mg/m) WEL STEL (ppm)    | 1500 ppm  |
| onited Milydolff        | VVLL OTLL (PPIII)                 | 1900 μμπ  |

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#### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Materials for protective clothing:

Impermeable clothing

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

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

: Gas Physical state Appearance : Aerosol. Colour : Colourless. Odour : characteristic. Odour threshold No data available No data available pΗ Relative evaporation rate (butylacetate=1) : No data available Melting point : No data available Freezing point No data available : No data available Boiling point Flash point : No data available : No data available Auto-ignition temperature Decomposition temperature : No data available Flammability (solid, gas) : Non flammable. Vapour pressure : No data available Relative vapour density at 20 °C : No data available

Relative density : No data available : No data available

Solubility : insoluble in water. soluble in most organic solvents.

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

VOC content : 704 g/l MIR : 1.5

Gas group : Press. Gas (Liq.)

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

No additional information available

## 10.2. Chemical stability

Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

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#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

### **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

Additional information : Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

## CLEARCOAT (CLC/A-R)

Vaporizer Aerosol

Potential adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met.

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

No additional information available

## 12.2. Persistence and degradability

| CLEA | RCOAT | (CLC/A-R) | ١ |
|------|-------|-----------|---|

Persistence and degradability Not established.

#### 12.3. Bioaccumulative potential

## CLEARCOAT (CLC/A-R)

Bioaccumulative potential Not established.

### 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

Additional information : Avoid release to the environment.

### SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

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

contents/container to Dispose of at authorized waste collection point.

Ecology - waste materials : Avoid release to the environment.

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## **SECTION 14: Transport information**

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

| ADR                                    | IMDG   | IATA                                | ADN                                | RID                                |
|--|--|-------------------------------------|------------------------------------|------------------------------------|
| 14.1. UN number                        |  |                                     |                                    |                                    |
| 1950                                   | 1950   | 1950                                | 1950                               | 1950                               |
| 14.2. UN proper shippi                 | ng name  |                                     |                                    |                                    |
| AEROSOLS                               | AEROSOLS   | Aerosols, flammable                 | AEROSOLS                           | AEROSOLS                           |
| Transport document descr               | iption   |                                     |                                    |                                    |
| UN 1950 AEROSOLS, 2.1, (D)             | UN 1950 AEROSOLS, 2.1                                    | UN 1950 Aerosols,<br>flammable, 2.1 | UN 1950 AEROSOLS, 2.1              | UN 1950 AEROSOLS, 2.1              |
| 14.3. Transport hazard                 | class(es)  |                                     |                                    |                                    |
| 2.1                                    | 2.1  | 2.1                                 | 2.1                                | 2.1                                |
| 2                                      | 2  | 2                                   | 2                                  | 2                                  |
| 14.4. Packing group                    |  |                                     |                                    |                                    |
| Not applicable                         | Not applicable   | Not applicable                      | Not applicable                     | Not applicable                     |
| 14.5. Environmental hazards            |  |                                     |                                    |                                    |
| Dangerous for the environment : No     | Dangerous for the environment : No Marine pollutant : No | Dangerous for the environment : No  | Dangerous for the environment : No | Dangerous for the environment : No |
| No supplementary information available |  |                                     |                                    |                                    |

#### 14.6. Special precautions for user

#### - Overland transport

: 5F Classification code (ADR)

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 11 Excepted quantities (ADR) : E0

: P207, LP02 Packing instructions (ADR) Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR) : MP9 Transport category (ADR) : 2 Special provisions for carriage - Packages : V14 (ADR)

Special provisions for carriage - Loading,

unloading and handling (ADR)

Stowage and handling (IMDG)

: CV9, CV12

: SW1, SW22

Special provisions for carriage - Operation

(ADR)

: S2

Tunnel restriction code (ADR) : D

- Transport by sea

: 63, 190, 277, 327, 344, 959 Special provisions (IMDG)

Limited quantities (IMDG) : SP277 Excepted quantities (IMDG) : E0 Packing instructions (IMDG) : P207, LP02 Special packing provisions (IMDG) : PP87, L2 EmS-No. (Fire) : F-D EmS-No. (Spillage) : S-U Stowage category (IMDG) : None

Segregation (IMDG) : SG69

- Air transport

PCA Excepted quantities (IATA) : E0 PCA Limited quantities (IATA) : Y203 PCA limited quantity max net quantity (IATA) : 30kgG PCA packing instructions (IATA) : 203

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PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

- Inland waterway transport

Classification code (ADN) : 5F

Special provisions (ADN) : 190, 327, 344, 625

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01, VE04

Number of blue cones/lights (ADN) : 1

- Rail transport

Classification code (RID) : 5F

Special provisions (RID) : 190, 327, 344, 625

Limited quantities (RID) : 1L Excepted quantities (RID) : E0

Packing instructions (RID) : P207, LP02 Special packing provisions (RID) : PP87, RR6, L2

Mixed packing provisions (RID) : MP9
Transport category (RID) : 2
Special provisions for carriage – Packages : W14

RID)

Special provisions for carriage - Loading,

unloading and handling (RID)

: CW9, CW12

Colis express (express parcels) (RID) : CE2
Hazard identification number (RID) : 23

## 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

VOC content : 704 g/l

#### 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**

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.

Other information : None.

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

| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4              |  |
|-------------------------------------|--|--|
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4              |  |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |  |
| Aerosol 1                           | Aerosol, Category 1                              |  |

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| Aquatic Acute 1   | Hazardous to th  | ne aquatic environment — Acute Hazard, Category 1  |  |  |
|-------------------|--|--|--|--|
| Aquatic Chronic 1 |  | Hazardous to the aquatic environment — Chronic Hazard, Category 1  |  |  |
| Aquatic Chronic 2 |  | Hazardous to the aquatic environment — Chronic Hazard, Category 2  |  |  |
| Asp. Tox. 1       |  | Aspiration hazard, Category 1  |  |  |
| Eye Irrit. 2      | <u> </u>   | Serious eye damage/eye irritation, Category 2  |  |  |
| Flam. Gas 1       |  | Flammable gases, Category 1  |  |  |
| Flam. Lig. 2      |  | Flammable liquids, Category 2  |  |  |
| Flam. Liq. 3      |  | Flammable liquids, Category 3  |  |  |
| Press. Gas        | Gases under pr   | • •  |  |  |
| Repr. 2           | <u> </u>   | oxicity, Category 2  |  |  |
| Skin Irrit. 2     |  | rritation, Category 2  |  |  |
| Skin Sens. 1      | Skin sensitisation                                     |  |  |  |
| Skin Sens. 1A     | Skin sensitisation                                     |  |  |  |
| STOT RE 2         |  | organ toxicity — Repeated exposure, Category 2   |  |  |
| STOT SE 3         | , ,  | organ toxicity — Single exposure, Category 3, Narcosis   |  |  |
| STOT SE 3         |  | organ toxicity — Single exposure, Category 3, Respiratory tract irritation   |  |  |
| H220              | Extremely flamr  |  |  |  |
| H222              | Extremely flam   | ·  |  |  |
| H225              |  | le liquid and vapour.  |  |  |
| H226              | J ,  | ' '  |  |  |
| H229              | <u> </u>   | Flammable liquid and vapour.  Pressurised container: May burst if heated.  |  |  |
| H304              |  | Pressurised container: May burst if neated.  May be fatal if swallowed and enters airways.   |  |  |
| H312              | ,  | Harmful in contact with skin.  |  |  |
| H315              |  | Causes skin irritation.  |  |  |
| H317              |  |  |  |  |
| H319              |  | May cause an allergic skin reaction.   |  |  |
| H332              |  | Causes serious eye irritation.   |  |  |
| H335              |  | Harmful if inhaled.  |  |  |
| H336              |  | May cause respiratory irritation.  |  |  |
| H361d             |  | May cause drowsiness or dizziness.   |  |  |
| H373              |  | Suspected of damaging the unborn child   |  |  |
| H400              | •  | May cause damage to organs through prolonged or repeated exposure.   |  |  |
| H410              | <u> </u>   | Very toxic to aquatic life.  |  |  |
| H411              | , ,  | Very toxic to aquatic life with long lasting effects.  |  |  |
|                   |  | Toxic to aquatic life with long lasting effects.   |  |  |
| EUH066            |  | Repeated exposure may cause skin dryness or cracking.  |  |  |
| EUH208            | hydroxypoly(oxy<br>(2H-benzotriazo<br>bis(1,2,2,6,6-pe | Contains reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene), reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction. |  |  |
| Aerosol 1         | H222;H229  | On basis of test data  |  |  |
| Eye Irrit. 2      | H319   | Calculation method   |  |  |
| STOT SE 3         | H336   | Calculation method   |  |  |
| J.J. J_ J         | 11000  | 0.0.0.0.0.0.0  |  |  |

### UPOL SDS EU (no product code)

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