

# **RLB**Safety Data Sheet

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

Date of issue: 1/13/2015 Revision date: 6/2/2016 Version: 3.0

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

#### 1.1. Product identifier

Product form : Mixture
Product name : RLB
Product group : Coating

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial

For professional use only

#### 1.2.2. Uses advised against

No additional information available

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

**U-POL LIMITED** 

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NN8 2QH - UK

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#### 1.4. Emergency telephone number

Emergency number : +44 (0) 1933 230310 (07:30 - 17:00hrs UK time)

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

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

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

Flammable liquids, Category 2

Serious eye damage/eye irritation, Category 2

H319

Sensitisation — Skin, Category 1

Specific target organ toxicity — Single exposure, Category 3, Narcosis

Hazardous to the aquatic environment — Chronic Hazard, Category 3

H412

Full text of hazard classes and 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

 $\label{eq:hazardous ingredients} \text{ : Acetone; n-butyl acetate; reaction mass of } \alpha\text{-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-}$ 

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; Naphtha

(petroleum), hydrodesulfurized heavy

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour

H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking

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P261 - Avoid breathing spray, vapours, fume P273 - Avoid release to the environment

P280 - Wear face protection, protective clothing, protective gloves

P302+P352 - IF ON SKIN: Wash with plenty of water

P305 - IF IN EYES: Wash with plenty of water and if necessary take medical advice

EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking

#### 2.3. Other hazards

No additional information available

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

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name   | Product identifier  | %      | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|---|--------|--|
| Acetone  | (CAS No) 67-64-1<br>(EC no) 200-662-2<br>(EC index no) 606-001-00-8   | 5 - 23 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336  |
| 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  | < 23   | Flam. Liq. 3, H226   |
| Reaction Mixture of Ethylbenzene, m-xylene and p-xylene  | (EC no) 905-562-9   | < 23   | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Asp. Tox. 1, H304 |
| xylene<br>(Note C)   | (CAS No) 1330-20-7<br>(EC no) 215-535-7<br>(EC index no) 601-022-00-9 | < 5    | 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  | < 5    | 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 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) | (EC no) 400-830-7<br>(EC index no) 607-176-00-3                       | < 5    | 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   | (EC no) 915-687-0   | < 5    | Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410  |
| 2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve substance with a Community workplace exposure limit   | (CAS No) 111-76-2<br>(EC no) 203-905-0<br>(EC index no) 603-014-00-0  | < 5    | Acute Tox. 4 (Inhalation), H332<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315   |

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Full text of H-statements: 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 victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact

: If skin irritation or rash occurs: Get medical advice/attention. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Get medical advice/attention. Wash contaminated clothing before reuse. Repeated exposure may cause skin dryness or cracking.

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

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

advice/attention.

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

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

Symptoms/injuries after inhalation : May cause an allergic skin reaction. May cause drowsiness or dizziness.

Symptoms/injuries after eye contact : Causes serious eye irritation.

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

No additional information available

#### **SECTION 5: Firefighting measures**

5.1. Extinguishing media

Suitable extinguishing media : Dry sand. 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 : Highly flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

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

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No

smoking

6.1.1. For non-emergency personnel

Protective equipment : Protective clothing. Gloves. Safety glasses.

Emergency procedures : Avoid contact with skin and eyes. Do not breathe vapours. Evacuate unnecessary personnel.

6.1.2. For emergency responders

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

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

For containment : Contain leaking substance. Collect spillage.

Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect

spillage. Store away from other materials.

#### 6.4. Reference to other sections

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

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

#### 7.1. Precautions for safe handling

Additional hazards when processed : Keep away from Heat and ignition sources. - No smoking. Handle empty containers with care

because residual vapours are flammable.

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 of vapour. No open flames. No smoking. Use only non-sparking tools. Avoid breathing vapours,

fume. Use only outdoors or in a well-ventilated area.

Hygiene measures : Wash hands thoroughly after handling. 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

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond

container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment.

equipin

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Ignition sources, Heat sources, Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. Keep in fireproof place. Keep container tightly closed.

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Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

Storage temperature : < 25 °C

Special rules on packaging : Keep only in original container.

# 7.3. Specific end use(s)

No additional information available

# 8.1. Control parameters

| 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, BMGV                          |
| ethylbenzene (100-41-4)                    |   |                                   |
| EU   | Local name  | Ethylbenzene                      |
| EU   | IOELV TWA (mg/m³)                                 | 442 mg/m³                         |
| EU   | IOELV TWA (ppm)                                   | 100 ppm                           |
| EU   | IOELV STEL (mg/m³)                                | 884 mg/m³                         |
| EU   | IOELV STEL (ppm)                                  | 200 ppm                           |
| EU   | Notes   | Skin                              |
| United Kingdom                             | Local name  | Ethylbenzene                      |
| United Kingdom                             | WEL TWA (mg/m³)                                   | 441 mg/m³                         |
| United Kingdom                             | WEL TWA (ppm)                                     | 100 ppm                           |
| United Kingdom                             | WEL STEL (mg/m³)                                  | 552 mg/m³                         |
| United Kingdom                             | WEL STEL (ppm)                                    | 125 ppm                           |
| United Kingdom                             | Remark (WEL)                                      | Sk                                |
| 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 (ppm)                                    | 1500 ppm                          |
| 2-butoxyethanol, ethylene g                | ycol monobutyl ether, butyl cellosolve (111-76-2) |                                   |
| EU   | Local name  | 2-Butoxyethanol                   |
| EU   | IOELV TWA (mg/m³)                                 | 98 mg/m³                          |
| EU   | IOELV TWA (ppm)                                   | 20 ppm                            |
| EU   | IOELV STEL (mg/m³)                                | 246 mg/m³                         |
| EU   | IOELV STEL (ppm)                                  | 50 ppm                            |
| EU   | Notes   | Skin                              |
| United Kingdom                             | Local name  | 2-Butoxyethanol                   |
| United Kingdom                             | WEL TWA (mg/m³)                                   | 123 mg/m³                         |
| United Kingdom                             | WEL TWA (ppm)                                     | 25 ppm                            |
| United Kingdom                             | WEL STEL (mg/m³)                                  | 246 mg/m³                         |
| United Kingdom                             | WEL STEL (ppm)                                    | 50 ppm                            |
| United Kingdom                             | Remark (WEL)                                      | Sk, BMGV                          |
| 2-methoxy-1-methylethyl acetate (108-65-6) |   |                                   |
| EU   | Local name  | 2-Methoxy-1-methylethylacetate    |

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| 2-methoxy-1-methylethyl acetate (108-65-6) |                    |                         |
|--|--------------------|-------------------------|
| 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                      |

| RLB                              |                        |
|----------------------------------|------------------------|
| DNEL/DMEL (Workers)              |                        |
| Acute - systemic effects, dermal | < mg/kg bodyweight/day |

#### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment : Avoid all unnecessary exposure.

Materials for protective clothing:

Impermeable clothing

Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or face shield. Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Air-fed respiratory protective equipment should be worn when this product is sprayed. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

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 : Viscous. Liquid.

Colour : Black.
Odour : aromatic.

Odour threshold : No data available pH : No data available Relative evaporation rate (butylacetate=1) : No data available Melting point : No data available Freezing point : No data available

Boiling point : > 35 °C Flash point : < 0 °C

Auto-ignition temperature : No data available
Decomposition temperature : No data available

Flammability (solid, gas) : Highly flammable liquid and vapour

Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Density : 1.1 - 1.14 g/cm³

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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 - Actual
 : 252 g/l

 VOC content
 : 444 g/l

 VOC content - Regulatory
 : 329 g/l

# **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition. Direct sunlight. Extremely high or low temperatures. Open flame.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

# **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 : May cause an allergic skin reaction.

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

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.

Specific target organ toxicity (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

Potential adverse human health effects and

symptoms

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

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

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

#### 12.2. Persistence and degradability

| RLB                           |   |             |       |
|-------------------------------|---|-------------|-------|
| Persistence and degradability | May cause long-term adverse effects in the en | vironment.  |       |
| 0.17100.40                    | EN (E E I)                                    | 000 D ( DID | 0/4.4 |

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#### 12.3. Bioaccumulative potential

RLB

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.

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

contents/container to hazardous or special waste collection point, in accordance with local,

regional, national and/or international regulation.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

#### **SECTION 14: Transport information**

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

#### 14.1. UN number

 UN-No. (ADR)
 : 1263

 UN-No. (IMDG)
 : 1263

 UN-No. (IATA)
 : 1263

 UN-No. (ADN)
 : 1263

 UN-No. (RID)
 : 1263

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : PAINT RELATED MATERIAL Proper Shipping Name (IMDG) : PAINT RELATED MATERIAL

Proper Shipping Name (IATA) : Paint
Proper Shipping Name (ADN) : PAINT
Proper Shipping Name (RID) : PAINT

Transport document description (ADR) : UN 1263 PAINT RELATED MATERIAL, 3, II, (D/E)

Transport document description (IMDG) : UN 1263 PAINT RELATED MATERIAL, 3, II

Transport document description (IATA) : UN 1263 Paint, 3, II

Transport document description (ADN) : UN 1263 PAINT, 3, II

Transport document description (RID) : UN 1263 PAINT, 3, II

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

# ADR

Transport hazard class(es) (ADR) : 3
Danger labels (ADR) : 3



#### **IMDG**

Transport hazard class(es) (IMDG) : 3
Danger labels (IMDG) : 3

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#### IATA

Transport hazard class(es) (IATA) : 3
Hazard labels (IATA) : 3



#### ADN

Transport hazard class(es) (ADN) : 3
Danger labels (ADN) : 3



#### RID

Transport hazard class(es) (RID) : 3
Danger labels (RID) : 3



#### 14.4. Packing group

Packing group (ADR) : II
Packing group (IMDG) : II
Packing group (IATA) : II
Packing group (ADN) : II
Packing group (RID) : II

# 14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Other information : No supplementary information available

# 14.6. Special precautions for user

# - Overland transport

Classification code (ADR) : F1

Special provisions (ADR) : 163, 640C, 650

Limited quantities (ADR) : 5I

Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001

Special packing provisions (ADR) : PP1

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions : T4

(ADR)

Portable tank and bulk container special : TP1, TP8, TP28

provisions (ADR)

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Tank code (ADR): L1.5BNVehicle for tank carriage: FLTransport category (ADR): 2Special provisions for carriage - Operation: S2, S20

(ADR)

Hazard identification number (Kemler No.) : 33

Orange plates :

33 1263

Tunnel restriction code (ADR) : D/E EAC code : •3YE

#### - Transport by sea

Special provisions (IMDG) : 163
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E2
Packing instructions (IMDG) : P001
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T4

Tank special provisions (IMDG) : TP1, TP8, TP28

EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Stowage category (IMDG) : B

Properties and observations (IMDG) : Miscibility with water depends upon the composition.

#### - Air transport

PCA Excepted quantities (IATA) : E2 PCA Limited quantities (IATA) : Y341 PCA limited quantity max net quantity (IATA) : 1L PCA packing instructions (IATA) : 353 : 5L PCA max net quantity (IATA) CAO packing instructions (IATA) : 364 CAO max net quantity (IATA) : 60L Special provisions (IATA) : A3, A72 ERG code (IATA) : 3L

#### - Inland waterway transport

Classification code (ADN) : F1

Special provisions (ADN) : 163, 64C, 65

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E2

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01

Number of blue cones/lights (ADN) : 1

#### - Rail transport

Classification code (RID) : F1

Special provisions (RID) : 163, 640C, 650

Limited quantities (RID) : 5L

Excepted quantities (RID) : E2

Packing instructions (RID) : P001

Special packing provisions (RID) : PP1

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions : T4

(RID)

Portable tank and bulk container special : TP1, TP8, TP28

provisions (RID)

Tank codes for RID tanks (RID) : L1.5BN

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Transport category (RID) : 2
Colis express (express parcels) (RID) : CE7
Hazard identification number (RID) : 33

#### 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 : 444 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   |  |
| 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                          |  |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment — Chronic Hazard, Category 2                          |  |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment — Chronic Hazard, Category 3                          |  |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |  |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2  |  |
| Flam. Liq. 2                        | Flammable liquids, Category 2  |  |
| Flam. Liq. 3                        | Flammable liquids, Category 3  |  |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2  |  |
| Skin Sens. 1                        | Sensitisation — Skin, Category 1   |  |
| Skin Sens. 1A                       | Sensitisation — Skin, category 1A  |  |
| STOT RE 2                           | Specific target organ toxicity — Repeated exposure, Category 2                             |  |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Narcosis                     |  |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |  |
| H225                                | Highly flammable liquid and vapour   |  |
| H226                                | Flammable liquid and vapour  |  |
| H302                                | Harmful if swallowed   |  |
| H304                                | May be fatal if swallowed and enters airways   |  |
| H312                                | Harmful in contact with skin   |  |
| H315                                | Causes skin irritation   |  |
| H317                                | May cause an allergic skin reaction  |  |
| H319                                | Causes serious eye irritation  |  |
| H332                                | Harmful if inhaled   |  |
| H335                                | May cause respiratory irritation   |  |
| H336                                | May cause drowsiness or dizziness  |  |
| H373                                | May cause damage to organs through prolonged or repeated exposure                          |  |

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# Safety Data Sheet

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

| H400              | Very toxic to a | Very toxic to aquatic life                           |  |
|-------------------|-----------------|--|--|
| H410              | Very toxic to a | Very toxic to aquatic life with long lasting effects |  |
| H411              | Toxic to aquat  | Toxic to aquatic life with long lasting effects      |  |
| H412              | Harmful to aqu  | Harmful to aquatic life with long lasting effects    |  |
| EUH066            | Repeated exp    | Repeated exposure may cause skin dryness or cracking |  |
|                   | •               |  |  |
| Flam. Liq. 2      | H225            | On basis of test data                                |  |
| Eye Irrit. 2      | H319            | Calculation method                                   |  |
| Skin Sens. 1      | H317            | Calculation method                                   |  |
| STOT SE 3         | H336            | Calculation method                                   |  |
| Aquatic Chronic 3 | H412            | Calculation method                                   |  |

#### UPOL SDS EU (no product code)

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