



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** ALUMINIUM METALIZED RAL 9006 - Código - 05802
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Industrial paint
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
INDUSTRIAS JUNO, S.A.
Barrio Sakonj, 10
48950 ERANDIO - Vizcaya - España
Phone.: +34 944 670 062 - Fax: +34 944 675 832
laboratorio@juno.es
www.juno.es
- 1.4 Emergency telephone number:** + 353 (01) 8092166

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Asp. Tox. 1: Aspiration hazard, Category 1, H304
Flam. Liq. 3: Flammable liquids, Category 3, H226
STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
Danger
-
- Hazard statements:**
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways
Flam. Liq. 3: H226 - Flammable liquid and vapour
STOT SE 3: H336 - May cause drowsiness or dizziness
- Precautionary statements:**
P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P280: Wear protective gloves/protective clothing/eye protection/face protection
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing
P370+P378: In case of fire: Use ABC powder extinguisher to extinguish
P501: Dispose of contents/container according to the separated collection system used in your municipality
- Supplementary information:**
EUH066: Repeated exposure may cause skin dryness or cracking
EUH208: Contains Cobalt bis(2-ethylhexanoate). May produce an allergic reaction
- Substances that contribute to the classification**
Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 (CAS: 64742-48-9); Solvent naphtha (petroleum), light arom., < 0.1 % EC 200-753-7 (CAS: 64742-95-6)
- Acute Toxicity Estimate (ATE mix):**
47,95 % (dermal) of the mixture consists of ingredient(s) of unknown toxicity
- 2.3 Other hazards:**
Product contains PBT/vPvB substances: Octamethylcyclotetrasiloxane

** Changes with regards to the previous version

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of pigments and resins

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification | Chemical name/Classification | | Concentration |
|---|---|--|----------------------|
| CAS: 64742-48-9 EC: 265-150-3 Index: 649-327-00-6 REACH: 01-2119486659-16-XXXX | Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 ¹ <input type="checkbox"/> | ATP ATP01 Regulation 1272/2008 Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Danger | 25 - <45 % |
| CAS: 64742-95-6 EC: 265-199-0 Index: 649-356-00-4 REACH: 01-2119486773-24-XXXX | Solvent naphtha (petroleum), light arom., < 0.1 % EC 200-753-7 <input type="checkbox"/> | ATP ATP01 Regulation 1272/2008 Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H336; EUH066 - Danger | 1 - <10 % |
| CAS: 64742-48-9 EC: 265-150-3 Index: 649-327-00-6 REACH: 01-2119486659-16-XXXX | Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 <input type="checkbox"/> | ATP ATP01 Regulation 1272/2008 Asp. Tox. 1: H304; EUH066 - Danger | 1 - <10 % |
| CAS: 22464-99-9 EC: 245-018-1 Index: Non-applicable REACH: 01-2119979088-21-XXXX | 2-ethylhexanoic acid, zirconium salt <input type="checkbox"/> | Self-classified Regulation 1272/2008 Repr. 2: H361d - Warning | 0,1 - <1 % |
| CAS: 136-52-7 EC: 205-250-6 Index: Non-applicable REACH: 01-2119524678-29-XXXX | Cobalt bis(2-ethylhexanoate) <input type="checkbox"/> | Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Repr. 1B: H360; Skin Sens. 1A: H317 - Danger | <0,1 % |
| CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-32-XXXX | Xylene <input type="checkbox"/> | ATP CLP00 Regulation 1272/2008 Acute Tox. 4: H312+H332; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning | <0,1 % |
| CAS: 112-34-5 EC: 203-961-6 Index: 603-096-00-8 REACH: 01-2119475104-44-XXXX | 2-(2-butoxyethoxy)ethanol <input type="checkbox"/> | ATP CLP00 Regulation 1272/2008 Eye Irrit. 2: H319 - Warning | <0,1 % |
| CAS: 100-41-4 EC: 202-849-4 Index: 601-023-00-4 REACH: 01-2119489370-35-XXXX | Ethylbenzene <input type="checkbox"/> | ATP ATP06 Regulation 1272/2008 Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger | <0,1 % |

¹ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830
² Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

** Changes with regards to the previous version

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

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SECTION 4: FIRST AID MEASURES (continued)

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂). IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

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SECTION 7: HANDLING AND STORAGE (continued)

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

- Minimum Temp.: 5 °C
- Maximum Temp.: 30 °C
- Maximum time: 24 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace

| Identification | Environmental limits | | |
|--|----------------------|-------------------------|--|
| | IOELV (8h) | IOELV (STEL) | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | 50 ppm | 221 mg/m ³ | |
| | 100 ppm | 442 mg/m ³ | |
| 2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6 | 10 ppm | 67.5 mg/m ³ | |
| | 15 ppm | 101.2 mg/m ³ | |
| Ethylbenzene CAS: 100-41-4 EC: 202-849-4 | 100 ppm | 442 mg/m ³ | |
| | 200 ppm | 884 mg/m ³ | |

DNEL (Workers):

| Identification | | Short exposure | | Long exposure | |
|---|------------|----------------|----------------|------------------------|--------------------------|
| | | Systemic | Local | Systemic | Local |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 300 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 1500 mg/m ³ | Non-applicable |
| 2-ethylhexanoic acid, zirconium salt CAS: 22464-99-9 EC: 245-018-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 15,75 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 5 mg/m ³ | Non-applicable |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | Non-applicable | 0,2351 mg/m ³ |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | Short exposure | | Long exposure | |
|---|------------|-----------------------|-------------------------|------------------------|------------------------|
| | | Systemic | Local | Systemic | Local |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 180 mg/kg | Non-applicable |
| | Inhalation | 289 mg/m ³ | 289 mg/m ³ | 77 mg/m ³ | Non-applicable |
| 2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 83 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | 101,2 mg/m ³ | 67,5 mg/m ³ | 67,5 mg/m ³ |
| Ethylbenzene CAS: 100-41-4 EC: 202-849-4 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 180 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | 293 mg/m ³ | 77 mg/m ³ | Non-applicable |

DNEL (General population):

| Identification | | Short exposure | | Long exposure | |
|--|------------|----------------|------------------------|------------------------|-------------------------|
| | | Systemic | Local | Systemic | Local |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | Oral | Non-applicable | Non-applicable | 300 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 300 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 900 mg/m ³ | Non-applicable |
| 2-ethylhexanoic acid, zirconium salt CAS: 22464-99-9 EC: 245-018-1 | Oral | Non-applicable | Non-applicable | 7,9 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 7,9 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 2,5 mg/m ³ | Non-applicable |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | Oral | Non-applicable | Non-applicable | 0,0558 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | Non-applicable | 0,037 mg/m ³ |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | Oral | Non-applicable | Non-applicable | 1,6 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 108 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 14,8 mg/m ³ | Non-applicable |
| 2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6 | Oral | Non-applicable | Non-applicable | 1,25 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 50 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | 50,6 mg/m ³ | 40,5 mg/m ³ | 34 mg/m ³ |
| Ethylbenzene CAS: 100-41-4 EC: 202-849-4 | Oral | Non-applicable | Non-applicable | 1,6 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 15 mg/m ³ | Non-applicable |

PNEC:

| Identification | | | | |
|--|--------------|----------------|-------------------------|--------------|
| 2-ethylhexanoic acid, zirconium salt CAS: 22464-99-9 EC: 245-018-1 | STP | 71,7 mg/L | Fresh water | 0,36 mg/L |
| | Soil | 1,06 mg/kg | Marine water | 0,036 mg/L |
| | Intermittent | 0,493 mg/L | Sediment (Fresh water) | 6,37 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,637 mg/kg |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | STP | 0,37 mg/L | Fresh water | 0,00051 mg/L |
| | Soil | 7,9 mg/kg | Marine water | 0,00236 mg/L |
| | Intermittent | Non-applicable | Sediment (Fresh water) | 9,5 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 9,5 mg/kg |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | STP | 6,58 mg/L | Fresh water | 0,327 mg/L |
| | Soil | 2,31 mg/kg | Marine water | 0,327 mg/L |
| | Intermittent | 0,327 mg/L | Sediment (Fresh water) | 12,46 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 12,46 mg/kg |
| 2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6 | STP | 200 mg/L | Fresh water | 1 mg/L |
| | Soil | 0,32 mg/kg | Marine water | 0,1 mg/L |
| | Intermittent | 11 mg/L | Sediment (Fresh water) | 4 mg/kg |
| | Oral | 56 g/kg | Sediment (Marine water) | 0,4 mg/kg |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | | | |
|----------------|--------------|------------|-------------------------|------------|
| Ethylbenzene | STP | 9,6 mg/L | Fresh water | 0,1 mg/L |
| CAS: 100-41-4 | Soil | 2,68 mg/kg | Marine water | 0,01 mg/L |
| EC: 202-849-4 | Intermittent | 0,1 mg/L | Sediment (Fresh water) | 13,7 mg/kg |
| | Oral | 20 g/kg | Sediment (Marine water) | 1,37 mg/kg |

8.2 Exposure controls:

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|--|-----------------------------|--|---|
| Mandatory respiratory tract protection | Filter mask for gases, vapours and particles | CE CAT III | EN 149:2001+A1:2009 EN 405:2001+A1:2009 | Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected. |

C.- Specific protection for the hands

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|---------------------------|---|-----------------------------|---|--|
| Mandatory hand protection | NON-disposable chemical protective gloves | CE CAT III | EN ISO 374-1:2016 EN 16523-1:2015 EN 420:2003+A1:2009 | The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. |

"As the product is a mixture of several substances, the resistance of the glove material can not be predicted in advance with total reliability and has therefore to be checked prior to the application"

D.- Ocular and facial protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|---------------------------|-------------|----------------------------|---|---|
| Mandatory face protection | Face shield | CE CAT II | EN 166:2001 EN 167:2001 EN 168:2001 EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|------------------------------------|---|-----------------------------|---|---|
| Mandatory complete body protection | Disposable clothing for protection against chemical risks, with antistatic and fireproof properties | CE CAT III | EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994 | For professional use only. Clean periodically according to the manufacturer's instructions. |
| Mandatory foot protection | Safety footwear for protection against chemical risk, with antistatic and heat resistant properties | CE CAT III | EN ISO 13287:2012 EN ISO 20345:2011 EN 13832-1:2019 | Replace boots at any sign of deterioration. |

F.- Additional emergency measures

| Emergency measure | Standards | Emergency measure | Standards |
|-------------------|---|-------------------|--|
| Emergency shower | ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011 | Eyewash stations | DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011 |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

| | |
|---------------------------|---------------------------------------|
| V.O.C. (Supply): | 50,68 % weight |
| V.O.C. density at 20 °C: | 473,33 kg/m ³ (473,33 g/L) |
| Average carbon number: | 8,99 |
| Average molecular weight: | 128,89 g/mol |

With regard to Directive 2004/42/EC, this product which is ready to use has the following characteristics:

| | |
|--------------------------------------|---------------------------------------|
| V.O.C. density at 20 °C: | 473,56 kg/m ³ (473,56 g/L) |
| EU limit for the product (Cat. A.I): | 500 g/L (2010) |
| Components: | Non-applicable |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

| | |
|--------------------------|--|
| Physical state at 20 °C: | Liquid |
| Appearance: | Metallic |
| Colour: |  Grey |
| Odour: | Characteristic |
| Odour threshold: | Non-applicable * |

Volatility:

| | |
|--|-----------------------|
| Boiling point at atmospheric pressure: | 153 °C |
| Vapour pressure at 20 °C: | 464 Pa |
| Vapour pressure at 50 °C: | 2626,36 Pa (2,63 kPa) |
| Evaporation rate at 20 °C: | Non-applicable * |

Product description:

| | |
|--|-------------------------|
| Density at 20 °C: | 933,9 kg/m ³ |
| Relative density at 20 °C: | 0,934 |
| Dynamic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 40 °C: | <20,5 cSt |
| Concentration: | Non-applicable * |
| pH: | Non-applicable * |
| Vapour density at 20 °C: | Non-applicable * |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable * |
| Solubility in water at 20 °C: | Non-applicable * |
| Solubility properties: | Non-applicable * |
| Decomposition temperature: | Non-applicable * |
| Melting point/freezing point: | Non-applicable * |
| Explosive properties: | Non-applicable * |
| Oxidising properties: | Non-applicable * |

Flammability:

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

| | |
|----------------------------|------------------|
| Flash Point: | 27 °C |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature: | 200 °C |
| Lower flammability limit: | Not available |
| Upper flammability limit: | Not available |

Explosive:

| | |
|------------------------|------------------|
| Lower explosive limit: | Non-applicable * |
| Upper explosive limit: | Non-applicable * |

9.2 Other information:

| | |
|---------------------------|------------------|
| Surface tension at 20 °C: | Non-applicable * |
| Refraction index: | Non-applicable * |

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| | | | | |
|--------------------|------------------|-------------------------|---------------------|----------------|
| Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
| Not applicable | Not applicable | Risk of combustion | Avoid direct impact | Not applicable |

10.5 Incompatible materials:

| | | | | |
|--------------------|----------------|---------------------|-----------------------|---|
| Acids | Water | Oxidising materials | Combustible materials | Others |
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable | Avoid alkalis or strong bases. Can react violently |

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION **

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

** Changes with regards to the previous version



SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
IARC: Ethylbenzene (2B); Xylene (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- Skin: Repeated exposure may cause skin dryness or cracking

H- Aspiration hazard:

The consumption of a considerable dose can cause pulmonary damage.

Other information:

Non-applicable

Specific toxicology information on the substances:

| Identification | Acute toxicity | | Genus |
|--|-----------------|----------------|--------|
| | LD50 oral | LD50 dermal | |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | LD50 oral | 15000 mg/kg | Rat |
| | LD50 dermal | 3160 mg/kg | Rabbit |
| | LC50 inhalation | Non-applicable | |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | LD50 oral | 15000 mg/kg | Rat |
| | LD50 dermal | 3160 mg/kg | Rabbit |
| | LC50 inhalation | Non-applicable | |
| Solvent naphtha (petroleum), light arom., < 0.1 % EC 200-753-7 CAS: 64742-95-6 EC: 265-199-0 | LD50 oral | 2100 mg/kg | Rat |
| | LD50 dermal | 2000 mg/kg | Rabbit |
| | LC50 inhalation | Non-applicable | |
| 2-ethylhexanoic acid, zirconium salt CAS: 22464-99-9 EC: 245-018-1 | LD50 oral | 2043 mg/kg | Rat |
| | LD50 dermal | Non-applicable | |
| | LC50 inhalation | Non-applicable | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | LD50 oral | 2100 mg/kg | Rat |
| | LD50 dermal | 1100 mg/kg | Rat |
| | LC50 inhalation | Non-applicable | |

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -



SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

| Identification | Acute toxicity | | Genus |
|----------------|-----------------|-------------|--------|
| | LD50 oral | LD50 dermal | |
| Ethylbenzene | 3500 mg/kg | | Rat |
| CAS: 100-41-4 | | 15354 mg/kg | Rabbit |
| EC: 202-849-4 | 17,2 mg/L (4 h) | | Rat |

Acute Toxicity Estimate (ATE mix):

| ATE mix | | Ingredient(s) of unknown toxicity |
|------------|-------------------------------------|-----------------------------------|
| Oral | >2000 mg/kg (Calculation method) | Non-applicable |
| Dermal | 18359,31 mg/kg (Calculation method) | 47,95 % |
| Inhalation | >20 mg/L (4 h) (Calculation method) | Non-applicable |

** Changes with regards to the previous version

SECTION 12: ECOLOGICAL INFORMATION **

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

| Identification | Acute toxicity | | Species | Genus |
|--|----------------|---------------------|------------------------|------------|
| | LC50 | EC50 | | |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | LC50 | 2200 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 | 1000 mg/L (96 h) | Daphnia magna | Crustacean |
| | EC50 | Non-applicable | | |
| Solvent naphtha (petroleum), light arom., < 0.1 % EC 200-753-7 CAS: 64742-95-6 EC: 265-199-0 | LC50 | 1 - 10 mg/L (96 h) | | Fish |
| | EC50 | 1 - 10 mg/L | | Crustacean |
| | EC50 | 1 - 10 mg/L | | Algae |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | LC50 | 2200 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 | 1000 mg/L (96 h) | Daphnia magna | Crustacean |
| | EC50 | Non-applicable | | |
| 2-ethylhexanoic acid, zirconium salt CAS: 22464-99-9 EC: 245-018-1 | LC50 | 270 mg/L (96 h) | N/A | Fish |
| | EC50 | Non-applicable | | |
| | EC50 | Non-applicable | | |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | LC50 | 0.1 - 1 mg/L (96 h) | | Fish |
| | EC50 | 0.1 - 1 mg/L | | Crustacean |
| | EC50 | 0.1 - 1 mg/L | | Algae |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | LC50 | 13.5 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| | EC50 | 3.4 mg/L (48 h) | Ceriodaphnia dubia | Crustacean |
| | EC50 | 10 mg/L (72 h) | Skeletonema costatum | Algae |
| 2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6 | LC50 | 1300 mg/L (96 h) | Lepomis macrochirus | Fish |
| | EC50 | 2850 mg/L (24 h) | Daphnia magna | Crustacean |
| | EC50 | 53 mg/L (192 h) | Microcystis aeruginosa | Algae |
| Ethylbenzene CAS: 100-41-4 EC: 202-849-4 | LC50 | 42.3 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 | 75 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 63 mg/L (3 h) | Chlorella vulgaris | Algae |

12.2 Persistence and degradability:

| Identification | Degradability | | Biodegradability | |
|--|---------------|----------------|------------------|----------------|
| | BOD5 | COD | Concentration | Period |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | BOD5 | Non-applicable | Concentration | Non-applicable |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 89,9 % |
| Solvent naphtha (petroleum), light arom., < 0.1 % EC 200-753-7 CAS: 64742-95-6 EC: 265-199-0 | BOD5 | 0.19 g O2/g | Concentration | Non-applicable |
| | COD | 0.44 g O2/g | Period | Non-applicable |
| | BOD5/COD | 0.43 | % Biodegradable | Non-applicable |

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -



SECTION 12: ECOLOGICAL INFORMATION ** (continued)

| Identification | Degradability | | Biodegradability | |
|---|---------------|----------------|------------------|----------------|
| | Parameter | Value | Parameter | Value |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | BOD5 | Non-applicable | Concentration | Non-applicable |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 89,9 % |
| 2-ethylhexanoic acid, zirconium salt CAS: 22464-99-9 EC: 245-018-1 | BOD5 | Non-applicable | Concentration | 20 mg/L |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 99 % |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | BOD5 | Non-applicable | Concentration | Non-applicable |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 88 % |
| 2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6 | BOD5 | 0.25 g O2/g | Concentration | 100 mg/L |
| | COD | 2.08 g O2/g | Period | 28 days |
| | BOD5/COD | 0.12 | % Biodegradable | 92 % |
| Ethylbenzene CAS: 100-41-4 EC: 202-849-4 | BOD5 | Non-applicable | Concentration | 100 mg/L |
| | COD | Non-applicable | Period | 14 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 90 % |

12.3 Bioaccumulative potential:

| Identification | Bioaccumulation potential | |
|--|---------------------------|-------|
| | Parameter | Value |
| Solvent naphtha (petroleum), light arom., < 0.1 % EC 200-753-7 CAS: 64742-95-6 EC: 265-199-0 | BCF | |
| | Pow Log | 4 |
| | Potential | |
| 2-ethylhexanoic acid, zirconium salt CAS: 22464-99-9 EC: 245-018-1 | BCF | |
| | Pow Log | 2.96 |
| | Potential | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | BCF | 9 |
| | Pow Log | 2.77 |
| | Potential | Low |
| 2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6 | BCF | 0.46 |
| | Pow Log | 0.56 |
| | Potential | Low |
| Ethylbenzene CAS: 100-41-4 EC: 202-849-4 | BCF | 1 |
| | Pow Log | 3.15 |
| | Potential | Low |

12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|---|-----------------------|----------------------|------------|--------------------------------|
| | Parameter | Value | Parameter | Value |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | Koc | 100 | Henry | Non-applicable |
| | Conclusion | High | Dry soil | Non-applicable |
| | Surface tension | Non-applicable | Moist soil | Non-applicable |
| Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 CAS: 64742-48-9 EC: 265-150-3 | Koc | 100 | Henry | Non-applicable |
| | Conclusion | High | Dry soil | Non-applicable |
| | Surface tension | Non-applicable | Moist soil | Non-applicable |
| 2-ethylhexanoic acid, zirconium salt CAS: 22464-99-9 EC: 245-018-1 | Koc | Non-applicable | Henry | 2,94E-1 Pa·m ³ /mol |
| | Conclusion | Non-applicable | Dry soil | Yes |
| | Surface tension | Non-applicable | Moist soil | Yes |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | Koc | 202 | Henry | 524,86 Pa·m ³ /mol |
| | Conclusion | Moderate | Dry soil | Yes |
| | Surface tension | Non-applicable | Moist soil | Yes |
| 2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6 | Koc | 48 | Henry | 7,2E-9 Pa·m ³ /mol |
| | Conclusion | Very High | Dry soil | No |
| | Surface tension | 3,395E-2 N/m (25 °C) | Moist soil | No |

** Changes with regards to the previous version



SECTION 12: ECOLOGICAL INFORMATION ** (continued)

| Identification | Absorption/desorption | | Volatility | |
|----------------|-----------------------|----------------------|------------|-------------------------------|
| Ethylbenzene | Koc | 520 | Henry | 798,44 Pa·m ³ /mol |
| CAS: 100-41-4 | Conclusion | Moderate | Dry soil | Yes |
| EC: 202-849-4 | Surface tension | 2,859E-2 N/m (25 °C) | Moist soil | Yes |

12.5 Results of PBT and vPvB assessment:

Product contains PBT/vPvB substances: Octamethylcyclotetrasiloxane

12.6 Other adverse effects:

Not described

** Changes with regards to the previous version

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

| Code | Description | Waste class (Regulation (EU) No 1357/2014) |
|-----------|---|--|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances | Dangerous |

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP3 Flammable

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2019 and RID 2019:



- 14.1 UN number:** UN1263
- 14.2 UN proper shipping name:** PAINT
- 14.3 Transport hazard class(es):** 3
- Labels: 3
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
- Special regulations: 163, 367, 650
- Tunnel restriction code: D/E
- Physico-Chemical properties: see section 9
- Limited quantities: 5 L
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 38-16:



SECTION 14: TRANSPORT INFORMATION (continued)



- 14.1 UN number:** UN1263
- 14.2 UN proper shipping name:** PAINT
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
Special regulations: 223, 955, 163, 367
EmS Codes: F-E, S-E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
Segregation group: Non-applicable
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2019:



- 14.1 UN number:** UN1263
- 14.2 UN proper shipping name:** PAINT
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
Physico-Chemical properties: see section 9
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable
Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable
Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable
Article 95, REGULATION (EU) No 528/2012: Non-applicable
REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

| Section | Description | Lower-tier requirements | Upper-tier requirements |
|---------|-------------|-------------------------|-------------------------|
| P5c | | 5000 | 50000 |

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

- CONTINUED ON NEXT PAGE -



SECTION 15: REGULATORY INFORMATION (continued)

Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:

- metallic glitter intended mainly for decoration,
- artificial snow and frost,
- “whoopee” cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:

‘For professional users only’.

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Regulation (EU) No 98/2013 of the European Parliament and of the Council of 15 January 2013 on the marketing and use of explosives precursors: Contains Aluminium powder (stabilised). Product under the provisions of Article 9

Contains Octamethylcyclotetrasiloxane. 1. | Shall not be placed on the market in wash-off cosmetic products in a concentration equal to or greater than 0,1 % by weight of either substance, after 31 January 2020. | 2. | For the purposes of this entry, “wash-off cosmetic products” means cosmetic products as defined in Article 2(1)(a) of Regulation (EC) No 1223/2009 that, under normal conditions of use, are washed off with water after application.’

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

- New declared substances

Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 (64742-48-9)

Texts of the legislative phrases mentioned in section 2:

- H336: May cause drowsiness or dizziness
- H412: Harmful to aquatic life with long lasting effects
- H304: May be fatal if swallowed and enters airways
- H226: Flammable liquid and vapour

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:



SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled
 Acute Tox. 4: H332 - Harmful if inhaled
 Aquatic Acute 1: H400 - Very toxic to aquatic life
 Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects
 Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects
 Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways
 Eye Irrit. 2: H319 - Causes serious eye irritation
 Flam. Liq. 2: H225 - Highly flammable liquid and vapour
 Flam. Liq. 3: H226 - Flammable liquid and vapour
 Repr. 1B: H360 - May damage fertility or the unborn child
 Repr. 2: H361d - Suspected of damaging the unborn child.
 Skin Irrit. 2: H315 - Causes skin irritation
 Skin Sens. 1A: H317 - May cause an allergic skin reaction
 STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure
 STOT SE 3: H336 - May cause drowsiness or dizziness

Classification procedure:

STOT SE 3: Calculation method
 Aquatic Chronic 3: Calculation method
 Asp. Tox. 1: Calculation method
 Flam. Liq. 3: Calculation method (2.6.4.3)

Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
 IMDG: International maritime dangerous goods code
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organisation
 COD: Chemical Oxygen Demand
 BOD5: 5-day biochemical oxygen demand
 BCF: Bioconcentration factor
 LD50: Lethal Dose 50
 LC50: Lethal Concentration 50
 EC50: Effective concentration 50
 Log-POW: Octanol-water partition coefficient
 Koc: Partition coefficient of organic carbon

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -