
	RHONAPLAST_EXTERIORES Code: 5430	
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SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1	<p><u>PRODUCT IDENTIFIER:</u> RHONAPLAST_EXTERIORES Code: 5430</p>
1.2	<p><u>RELEVANT IDENTIFIED USES AND USES ADVISED AGAINST:</u> <u>Intended uses (main technical functions):</u> [] Industrial [X] Professional [X] Consumers Powder coating. <u>Uses advised against:</u> This product is not recommended for any use or sector of use industrial, professional or consume other than those previously listed as 'Intended or identified uses'. If your use is not covered, please contact the supplier of this material safety data sheet. <u>Restrictions on manufacture, placing on market and use, according to Annex XVII of Regulation (EC) No. 1907/2006:</u> Not restricted.</p>
1.3	<p><u>DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:</u> PINTURAS ISAVAL, S.L. c/Velluters, Parcela 2-14 - P. I.Casanova - E-46394 - Ribarroja del Turia (Valencia) Phone: +34 96 1640001 - Fax: +34 96 1640002 <u>E-mail address of the person responsible for the safety data sheet:</u> e-mail: atencionalcliente@isaval.es</p>
1.4	<p><u>EMERGENCY TELEPHONE NUMBER:</u> +34 96 1640001 (8:00-18:00 h.) (working hours)</p>

SECTION 2 : HAZARDS IDENTIFICATION

2.1	<p><u>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:</u> <u>Classification in accordance with Regulation (EC) No. 1272/2008-487/2013 (CLP):</u> DANGER: Skin Irrit. 2:H315 Eye Dam. 1:H318 STOT SE (irrit.) 3:H335</p> <table border="1" data-bbox="135 884 1559 1198"> <thead> <tr> <th>Danger class</th> <th>Classification of the mixture</th> <th>Cat.</th> <th>Routes of exposure</th> <th>Target organs</th> <th>Effects</th> </tr> </thead> <tbody> <tr> <td> <u>Physicochemical:</u> Not classified </td> <td rowspan="3"> Skin Irrit. 2:H315 Eye Dam. 1:H318 STOT SE (irrit.) 3:H335 </td> <td rowspan="3"> Cat. 2 Cat. 1 Cat. 3 </td> <td rowspan="3"> Skin Eyes Inhalation </td> <td rowspan="3"> Skin Eyes Respiratory ways </td> <td rowspan="3"> Irritation Serious lesions Irritation </td> </tr> <tr> <td> <u>Human health:</u>  </td> </tr> <tr> <td> <u>Environment:</u> Not classified </td> </tr> </tbody> </table> <p>Full text of hazard statements mentioned is indicated in section 16.</p>	Danger class	Classification of the mixture	Cat.	Routes of exposure	Target organs	Effects	<u>Physicochemical:</u> Not classified	Skin Irrit. 2:H315 Eye Dam. 1:H318 STOT SE (irrit.) 3:H335	Cat. 2 Cat. 1 Cat. 3	Skin Eyes Inhalation	Skin Eyes Respiratory ways	Irritation Serious lesions Irritation	<u>Human health:</u> 	<u>Environment:</u> Not classified
Danger class	Classification of the mixture	Cat.	Routes of exposure	Target organs	Effects										
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<u>Human health:</u> 															
<u>Environment:</u> Not classified															

2.2	<p><u>LABEL ELEMENTS:</u></p>  <p>This product is labelled with the signal word DANGER in accordance with Regulation (EC) No. 1272/2008-487/2013 (CLP)</p> <p><u>Hazard statements:</u> H335 May cause respiratory irritation. H315 Causes skin irritation. H318 Causes serious eye damage.</p> <p><u>Precautionary statements:</u> P102 Keep out of reach of children. P103 Read label before use. P280F Wear protective gloves, clothing and eye protection. In case of inadequate ventilation wear respiratory protection. P303+P361+P353-P352-P312 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Call a POISON CENTER or doctor if you feel unwell. P305+P351+P338-P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. P308+P310+P101 IF exposed or concerned: Immediately call a POISON CENTER or doctor. If medical advice is needed, have product container or label at hand. P501b Dispose of contents/container to hazardous or special waste collection point.</p> <p><u>Supplementary statements:</u> None. <u>Hazardous ingredients:</u> Cement portland, clinker</p>
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2.3	<p><u>OTHER HAZARDS:</u> Hazards which do not result in classification but which may contribute to the overall hazards of the mixture: <u>Other physicochemical hazards:</u> No other relevant adverse effects are known. <u>Other adverse human health effects:</u> No other relevant adverse effects are known. <u>Other negative environmental effects:</u> Does not contain substances that fulfil the PBT/vPvB criteria.</p>
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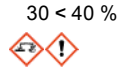


SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES:
Not applicable (mixture).

3.2 MIXTURES:
This product is a mixture.
Chemical description:
Masilla.

HAZARDOUS INGREDIENTS:
Substances taking part in a percentage higher than the exemption limit:



30 < 40 % Cement portland, clinker
CAS: 65997-15-1 , EC: 266-043-4 REACH: Exempt
CLP: Danger: Skin Irrit. 2:H315 | Eye Dam. 1:H318 | STOT SE (irrit.) 3:H335

Autoclassified

Impurities:
The marketed product is poor in chromate itself or by reducing its content of Cr(VI) soluble in water. Content of soluble Cr(VI) < 2 mg/kg (0,0002%) with respect to total weight of dry cement.

Stabilizers:
None











Reference to other sections:
For more information, see sections 8, 11, 12 and 16.

SUBSTANCES OF VERY HIGH CONCERN (SVHC):
List updated by ECHA on 15/06/2015.
Substances SVHC subject to authorisation, included in Annex XIV of Regulation (EC) no. 1907/2006:
None
Substances SVHC candidate to be included in Annex XIV of Regulation (EC) no. 1907/2006:
None

PERSISTENT, BIOACCUMULABLE AND TOXIC PBT, OR VERY PERSISTENT AND VERY BIOACCUMULABLE VPVB SUBSTANCES:
Does not contain substances that fulfill the PBT/vPvB criteria.

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SECTION 4 : FIRST AID MEASURES

4.1 4.2	<p><u>DESCRIPTION OF FIRST-AID MEASURES AND MAIN SYMPTOMS AND EFFECTS, ACUTE AND DELAYED:</u></p>																
		Symptoms may occur after exposure, so that in case of direct exposure to the product, when in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Lifeguards should pay attention to self-protection and use the recommended protective equipment if there is a possibility of exposure. Wear protective gloves when administering first aid.															
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">Route of exposure</th> <th style="width:50%;">Symptoms and effects, acute and delayed</th> <th style="width:30%;">Description of first-aid measures</th> </tr> </thead> <tbody> <tr> <td> <u>Inhalation:</u>  </td> <td>Inhalation produces irritation to mucus, coughing and breathlessness.</td> <td>Should there be any symptoms, transfer the person affected to the open air.</td> </tr> <tr> <td> <u>Skin:</u>  </td> <td>Skin contact causes redness and pain.</td> <td>Remove immediately contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser. Do not use solvents or thinners.</td> </tr> <tr> <td> <u>Eyes:</u>  </td> <td>Contact with the eyes produces redness, pain and serious burns.</td> <td>Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced. Call a physician immediately.</td> </tr> <tr> <td> <u>Ingestion:</u> </td> <td>If swallowed, may cause irritation of the mouth, throat and esophagus.</td> <td>If swallowed, seek medical advice immediately and show container or label. Do not induce vomiting. Keep the patient at rest.</td> </tr> </tbody> </table>	Route of exposure	Symptoms and effects, acute and delayed	Description of first-aid measures	<u>Inhalation:</u> 	Inhalation produces irritation to mucus, coughing and breathlessness.	Should there be any symptoms, transfer the person affected to the open air.	<u>Skin:</u> 	Skin contact causes redness and pain.	Remove immediately contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser. Do not use solvents or thinners.	<u>Eyes:</u> 	Contact with the eyes produces redness, pain and serious burns.	Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced. Call a physician immediately.	<u>Ingestion:</u>	If swallowed, may cause irritation of the mouth, throat and esophagus.	If swallowed, seek medical advice immediately and show container or label. Do not induce vomiting. Keep the patient at rest.	
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<u>Ingestion:</u>	If swallowed, may cause irritation of the mouth, throat and esophagus.	If swallowed, seek medical advice immediately and show container or label. Do not induce vomiting. Keep the patient at rest.															

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
Notes to physician: Treatment should be directed at the control of symptoms and the clinical condition of the patient.
Antidotes and contraindications: Specific antidote not known.

SECTION 5 : FIRE-FIGHTING MEASURES

5.1	<p><u>EXTINGUISHING MEDIA:</u> Extinguishing powder or CO2. In the case of more important fires, also alcohol resistant foam and water spray/mist.</p>
5.2	<p><u>SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:</u> As consequence of combustion or thermal decomposition, hazardous products may be produced: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products may be a hazard to health.</p>
5.3	<p><u>ADVICE FOR FIREFIGHTERS:</u> <u>Special protective equipment:</u> Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots. If the fire-proof protective equipment is not available or not used, combat fire from a sheltered position or at a safe distance. The standard EN469 provides a basic level of protection for chemical incidents. <u>Other recommendations:</u> Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.</p>

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1	<p><u>PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:</u> Avoid direct contact with this product.</p>
6.2	<p><u>ENVIRONMENTAL PRECAUTIONS:</u> Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.</p>
6.3	<p><u>METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:</u> Contain and mop up spills with electrically-protected vacuum cleaner or by wet brushing. Do not use a dry brush as dust clouds can be created. Avoid use of solvents. Keep the remains in a closed container.</p>
6.4	<p><u>REFERENCE TO OTHER SECTIONS:</u> For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For subsequent waste disposal, follow the recommendations in section 13.</p>



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SECTION 7 : HANDLING AND STORAGE

- 7.1 PRECAUTIONS FOR SAFE HANDLING:
 Comply with the existing legislation on health and safety at work.
General recommendations:
 Avoid any type of leakage or escape. Keep the container tightly closed.
Recommendations for the prevention of fire and explosion risks:
 Not applicable.
Recommendations for the prevention of toxicological risks:
 Do not eat, drink or smoke in application and drying areas. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.
Recommendations for the prevention of environmental contamination:
 It is not considered a danger to the environment. In the case of accidental spillage, follow the instructions indicated in section 6.
- 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:
 Prevent unauthorized access. Keep out of reach of children. Keep away from sources of heat. If possible, avoid direct contact with sunlight. Avoid extreme humidity conditions. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. For more information, see section 10.
Class of store : According to current legislation.
Temperature interval : min: 5. °C, max: 40. °C (recommended).
Incompatible materials:
 Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
Type of packaging:
 According to current legislation.
Limit quantity (Seveso III): Directive 96/82/EC~2003/105/EC:
 Not applicable.
- 7.3 SPECIFIC END USES:
 For the use of this product do not exist particular recommendations apart from that already indicated.



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SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:
If a product contains ingredients with exposure limits, may be necessary a personnel monitoring, work place or biological, to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to EN689, EN14042 and EN482 standard concerning methods for assessing the exposure by inhalation to chemical agents, and exposure to chemical and biological agents. Reference should be also made to national guidance documents for methods for the determination of dangerous substances.

OCCUPATIONAL EXPOSURE LIMIT VALUES (TLV)

AGCIH 2013	Year	TLV-TWA ppm mg/m3	TLV-STEL ppm mg/m3	Remarks
Cement portland, clinker	1986	- 10.	- -	

TLV - Threshold Limit Value, TWA - Time Weighted Average, STEL - Short Term Exposure Limit.

BIOLOGICAL LIMIT VALUES:

Not established

DERIVED NO-EFFECT LEVEL (DNEL):

Derived no-effect level (DNEL) is a level of exposure that is considered safe, derived from toxicity data according to specific guidances included in REACH. DNEL values may differ from a occupational exposure limit (OEL) for the same chemical. OEL values may come recommended by a particular company, a government regulatory agency or an organization of experts. Although considered protective of health, the OEL values are derived by a process different of REACH.

<u>Derived no-effect level, workers:</u> - Systemic effects, acute and chronic: Not available (without data of registration REACH).	<u>DNEL Inhalation</u> mg/m3 - -	<u>DNEL Cutaneous</u> mg/kg bw/d - -	<u>DNEL Oral</u> mg/kg bw/d - -
	<u>Derived no-effect level, workers:</u> - Local effects, acute and chronic: Not available (without data of registration REACH).	<u>DNEL Inhalation</u> mg/m3 - -	<u>DNEL Cutaneous</u> mg/cm2 - -
<u>Derived no-effect level, general population:</u> - Systemic effects, acute and chronic: Not available (without data of registration REACH).	<u>DNEL Inhalation</u> mg/m3 - -	<u>DNEL Cutaneous</u> mg/kg bw/d - -	<u>DNEL Oral</u> mg/kg bw/d - -
	<u>Derived no-effect level, general population:</u> - Local effects, acute and chronic: Not available (without data of registration REACH).	<u>DNEL Inhalation</u> mg/m3 - -	<u>DNEL Cutaneous</u> mg/cm2 - -



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PREDICTED NO-EFFECT CONCENTRATION (PNEC):

<u>Predicted no-effect concentration, aquatic organisms:</u> - Fresh water, marine water and intermitent release: Not available (without data of registration REACH). - Wastewater treatment plants (STP) and sediments in fresh- and marine water: Not available (without data of registration REACH).	<u>PNEC Fresh water</u> mg/l -	<u>PNEC Marine</u> mg/l -	<u>PNEC Intermittent</u> mg/l -
	<u>PNEC STP</u> mg/l -	<u>PNEC Sediments</u> mg/kg dry weight -	<u>PNEC Sediments</u> mg/kg dry weight -
<u>Predicted no-effect concentration, terrestrial organisms:</u> - Air, soil and effects for predators and humans: Not available (without data of registration REACH).	<u>PNEC Air</u> mg/m3 -	<u>PNEC Soil</u> mg/kg dry weight -	<u>PNEC Oral</u> mg/kg bw/d -

8.2 EXPOSURE CONTROLS:

ENGINEERING MEASURES:



Provide adequate ventilation.

Protection of respiratory system: Avoid the inhalation of product.

Protection of eyes and face:

Protection of hands and skin:

OCUPATIONAL EXPOSURE CONTROLS: Directive 89/686/EEC-96/58/EC:

As a general measure on prevention and safety in the work place, we recommend the use of a basic personal protection equipment (PPE), with the corresponding EC marking. For more information on personal protective equipment (storage, use, cleaning, maintenance, type and characteristics of the PPE, protection class, marking, category, CEN norm, etc..), you should consult the informative brochures provided by the manufacturers of PPE.

<u>Mask:</u> 	Suitable respiratory protection at low concentrations or short-term incidence: P2-type filter mask (white), with medium retention ability, for irritant or harmful solid particles or aerosols (EN143), Inward leakage: 8%, Assigned protection factor: up to 10 times TLV. In order to obtain a suitable protection level, the filter class must be selected depending on the type and concentration of the contaminating agents present, in accordance with the specifications supplied by the filter producers. Particle filters must be disposed of when you notice an increase in breathing resistance.
<u>Goggles:</u> 	Safety goggles with suitable lateral protection (EN166). Clean daily and disinfect at regular intervals in accordance with the instructions of the manufacturer.
<u>Face shield:</u>	No.
<u>Gloves:</u>	Advisable.
<u>Boots:</u>	Advisable.
<u>Apron:</u>	No.
<u>Clothing:</u>	Advisable.

Thermal hazards:
Not applicable (the product is handled at room temperature).

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid any spillage in the environment.
Spills on the soil: Prevent contamination of soil.
Spills in water: Do not allow to escape into drains, sewers or water courses.
Emissions to the atmosphere: Not applicable.



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SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1	<p><u>INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:</u></p> <p><u>Appearance</u></p> <ul style="list-style-type: none"> - Physical state : Solid. - Odour : Characteristic - Odour threshold : Not available (mixture). <p><u>pH-value</u></p> <ul style="list-style-type: none"> - pH : Not applicable (solid). <p><u>Change of state</u></p> <ul style="list-style-type: none"> - Melting point : Not available - Initial boiling point : Not applicable <p><u>Density</u></p> <ul style="list-style-type: none"> - Relative density : 2.563 at 20/4°C Relative water <p><u>Stability</u></p> <ul style="list-style-type: none"> - Decomposition temperature : Not available <p><u>Viscosity:</u></p> <ul style="list-style-type: none"> - Viscosity (flow time) : Not applicable (solid). <p><u>Volatility:</u></p> <ul style="list-style-type: none"> - Vapour pressure : Not applicable <p><u>Solubility(ies)</u></p> <ul style="list-style-type: none"> - Solubility in water: : Not available - Solubility in oils and fats: : Not available <p><u>Flammability:</u></p> <ul style="list-style-type: none"> - Flash point : Not flammable - Autoignition temperature : Not applicable <p><u>Explosive properties:</u> Not available.</p> <p><u>Oxidizing properties:</u> Not classified as oxidizing product.</p>
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9.2	<p><u>OTHER INFORMATION:</u></p> <ul style="list-style-type: none"> - Heat of combustion : 236. Kcal/kg - Solids : 100. % Volume <p>The values indicated do not always coincide with product specifications. The data for the product specifications can be found in the technical data sheet of the same. For additional information concerning physical and chemical properties related to safety and environment, see sections 7 and 12.</p>
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SECTION 10 : STABILITY AND REACTIVITY

10.1	<p><u>REACTIVITY:</u></p> <p><u>Corrosivity to metals:</u> It is not corrosive to metals.</p> <p><u>Pyrophorical properties:</u> It is not pyrophoric.</p>
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10.2	<p><u>CHEMICAL STABILITY:</u></p> <p>Stable under recommended storage and handling conditions.</p>
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10.3	<p><u>POSSIBILITY OF HAZARDOUS REACTIONS:</u></p> <p>Possible dangerous reaction with acids.</p>
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10.4	<p><u>CONDITIONS TO AVOID:</u></p> <p><u>Heat:</u> Keep away from sources of heat.</p> <p><u>Light:</u> If possible, avoid direct contact with sunlight.</p> <p><u>Air:</u> Not applicable.</p> <p><u>Humidity:</u> Avoid extreme humidity conditions.</p> <p><u>Pressure:</u> Not applicable.</p> <p><u>Shock:</u> Not applicable.</p>
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10.5	<p><u>INCOMPATIBLE MATERIALS:</u></p> <p>Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.</p>
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10.6	<p><u>HAZARDOUS DECOMPOSITION PRODUCTS:</u></p> <p>As consequence of thermal decomposition, hazardous products may be produced: carbon monoxide.</p>
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SECTION 11 : TOXICOLOGICAL INFORMATION

No experimental toxicological data on the preparation is available. The toxicological classification for these mixture has been carried out by using the conventional calculation method of the Regulation (EC) No. 1272/2008-487/2013 (CLP).

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:

Dose and lethal concentrations

for individual ingredients :

Not available

No observed adverse effect level

Not available

Lowest observed adverse effect level

Not available

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Acute toxicity:

Routes of exposure	Acute toxicity	Cat.	Main effects, acute and/or delayed
<u>Inhalation:</u> Not classified	ETA > 5000 mg/m3	-	Not classified as a product with acute toxicity if inhaled (based on available data, the classification criteria are not met).
<u>Skin:</u> Not classified	ETA > 2000 mg/kg	-	Not classified as a product with acute toxicity in contact with skin (based on available data, the classification criteria are not met).
<u>Eyes:</u> Not classified	Not available	-	Not classified as a product with acute toxicity by eye contact (lack of data).
<u>Ingestion:</u> Not classified	ETA > 5000 mg/kg	-	Not classified as a product with acute toxicity if swallowed (based on available data, the classification criteria are not met).

CORROSION / IRRITATION / SENSITISATION :

Danger class	Target organs	Cat.	Main effects, acute and/or delayed
<u>Respiratory corrosion/irritation:</u> 	Respiratory ways 	Cat.3	IRRITANT: May cause respiratory irritation.
<u>Skin corrosion/irritation:</u> 	Skin 	Cat.2	IRRITANT: Causes skin irritation.
<u>Serious eye damage/irritation:</u> 	Eyes 	Cat.1	DAMAGE: Causes serious eye damage.
<u>Respiratory sensitisation:</u> Not classified	-	-	Not classified as a product sensitising by inhalation (based on available data, the classification criteria are not met).
<u>Skin sensitisation:</u> Not classified	-	-	Not classified as a product sensitising by skin contact (based on available data, the classification criteria are not met).

ASPIRATION HAZARD:

Danger class	Target organs	Cat.	Main effects, acute and/or delayed
<u>Aspiration hazard:</u> Not classified	-	-	Not applicable (solid).

SPECIFIC TARGET ORGANS TOXICITY (STOT): Single exposure (SE) and/or Repeated exposure (RE):

Not classified as a dangerous product for target organs (based on available data, the classification criteria are not met).

CMR EFFECTS:

Carcinogenic effects: Is not considered as a carcinogenic product.

Genotoxicity: Is not considered as a mutagenic product.

Toxicity for reproduction: Do not harm fertility. Do not harm the fetus developing.

Effects via lactation: Not classified as a hazardous product for children breast-fed.



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SECTION 12 : ECOLOGICAL INFORMATION

No experimental ecotoxicological data on the preparation as such is available. The ecotoxicological classification for these mixture has been carried out by using the conventional calculation method of the Regulation (EC) No. 1272/2008-487/2013 (CLP).

12.1 TOXICITY:
Acute toxicity in aquatic environment
 for individual ingredients :
 Not available
No observed effect concentration
 Not available
Lowest observed effect concentration
 Not available

12.2 PERSISTENCE AND DEGRADABILITY:
 Not available.

<u>Aerobic biodegradation</u>			
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for individual ingredients :

12.3 BIOACCUMULATIVE POTENTIAL:
 Not available.

<u>Bioaccumulation</u>			
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for individual ingredients :

12.4 MOBILITY IN SOIL:
 Not available.



12.5 RESULTS OF PBT AND VPVB ASSESMENT: Annex XIII of Regulation (EC) no. 1907/2006:
 Does not contain substances that fulfill the PBT/vPvB criteria.

12.6 OTHER ADVERSE EFFECTS:
Ozone depletion potential: Not available.
Photochemical ozone creation potential: Not available.
Earth global warming potential: In case of fire or incineration liberates CO2.
Endocrine disrupting potential: Not available.

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SECTION 13 : DISPOSAL CONSIDERATIONS

- 13.1 WASTE TREATMENT METHODS: Directive 2008/98/EC:
Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation or recycling. Do not discharge into drains or the environment, dispose of at an authorised waste collection point. Waste should be handled and disposed of in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.
- Disposal of empty containers: Directive 94/62/EC~2005/20/EC, Decision 2000/532/EC:
Emptied containers and packaging should be disposed of in accordance with currently local and national regulations. The classification of packaging as hazardous waste will depend on the degree of emptying of the same, being the holder of the residue responsible for their classification, in accordance with Chapter 15 01 of Decision 2000/532/EC, and forwarding to the appropriate final destination. With contaminated containers and packaging, adopt the same measures as for the product in itself.
- Procedures for neutralising or destroying the product:
Controlled incineration in special facilities for chemical waste, but in accordance with local regulations.

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SECTION 14 : TRANSPORT INFORMATION

14.1	<u>UN NUMBER:</u> Not applicable
14.2	<u>UN PROPER SHIPPING NAME:</u> Not applicable
14.3	<u>TRANSPORT HAZARD CLASS(ES) AND PACKING GROUP:</u>
14.4	<u>Transport by road (ADR 2015) and Transport by rail (RID 2015):</u> Not reglamented <u>Transport by sea (IMDG 36-12):</u> Not reglamented <u>Transport by air (ICAO/IATA 2014):</u> Not reglamented <u>Transport by inland waterways (ADN):</u> Free.
14.5	<u>ENVIRONMENTAL HAZARDS:</u> Not applicable (not classified as hazardous for the environment).
14.6	<u>SPECIAL PRECAUTIONS FOR USER:</u> Ensure that persons transporting the product know what to do in case of accident or spill. Always transport in closed containers that are in a vertical position and sure.
14.7	<u>TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:</u> Not applicable.

SECTION 15 : REGULATORY INFORMATION

15.1	<u>EU SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC:</u> The regulations applicable to this product generally are listed throughout this material safety data sheet. <u>Restrictions on manufacture, placing on market and use:</u> See section 1.2 <u>Control of the risks inherent in major accidents (Seveso III):</u> See section 7.2 <u>Tactile warning of danger:</u> Not applicable (the classification criteria are not met). <u>Child safety protection:</u> Not applicable (the classification criteria are not met). <u>OTHER REGULATIONS:</u> Not available
15.2	<u>CHEMICAL SAFETY ASSESSMENT:</u> For this mixture has not been carried out a chemical safety assessment.



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SECTION 16 : OTHER INFORMATION

16.1 TEXT OF THE PHRASES AND NOTES REFERENCED IN SECTIONS 2 AND/OR 3:
Hazard statements according the Regulation (EC) No. 1272/2008-487/2013 (CLP), Annex III:
 H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.

ADVICES ON ANY TRAINING APPROPRIATE FOR WORKERS:

It is recommended for all staff that will handle this product to carry out a basic training in occupational risk and prevention, in order to provide understanding and interpretation of material safety data sheets and labelling of products as well.

MAIN LITERATURE REFERENCES AND SOURCES FOR DATA:

- European Chemicals Agency: ECHA, <http://echa.europa.eu/>
- Access to European Union Law, <http://eur-lex.europa.eu/>
- Threshold Limit Values, (AGCIH, 2013).

ABBREVIATIONS AND ACRONYMS:

List of abbreviations and acronyms that can be used (but not necessarily used) in this material safety data sheet:

- REACH: Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
- DSD: Dangerous Substances Directive.
- DPD: Dangerous Preparations Directive.
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals of the United Nations.
- CLP: European regularion on Classificatin, Labelling amd Packaging of substances and chemical mixtures.
- EINECS: European Inventory of Existing Commercial Chemical Substances.
- ELINCS: European List of Notified Chemical Substances.
- CAS: Chemical Abstracts Service (Division of the American Chemical Society).
- UVCB: Substances of Unknown or Variable composition, complex reaction products or biological materials).
- SVHC: Substances of Very High Concern.
- PBT: Persistent, bioaccumulable and toxic substances.
- vPvB: Very persistent and very bioaccumulable substances.
- VOC: Volatile Organic Compounds.
- DNEL: Derived No-Effect Level (REACH).
- PNEC: Predicted No-Effect Concentration (REACH).
- LD50: Letal dose, 50 percent.
- LC50: Letal concentration, 50 percent.
- UN: United Nations Organisation.
- ADR: European agreement concerning the international carriage of dangeous goods by road.
- RID: Regulations concerning the international transport of dangeous goods by rail.
- IMD G: International Maritime code for Dangerous Goods.
- IATA: International Air Transport Association.
- ICAO: International Civil Aviation Organization.

MATERIAL SAFETY DATA SHEET REGULATIONS:

Material Safety Data Sheet in accordance with Article 31 of Regulation (EC) No. 1907/2006 (REACH) and Annex of Regulation (EU) No. 2015/830.

HISTORY:

Date of compilation:

Version: 1

20/01/2016

The information of this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.