



**MARTELE JUNO VERDE, ROJO, AMARILLO...  
05399**



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

- 1.1 Product identifier:** MARTELE JUNO VERDE, ROJO, AMARILLO...  
05399
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Industrial paint. For professional use only.  
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.  
Bº URIOSTE 64  
48530 ORTUUELLA - VIZCAYA - ESPAÑA  
Phone.: +34 946 353 143 - Fax: +34 946 641 753  
pinturasmarina@juno.es  
www.juno.es
- 1.4 Emergency telephone number:** +34 946 353 143 ( 8:00 -15:00 )

**SECTION 2: HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture:**  
**Directive 67/548/EC and Directive 1999/45/EC:**  
This product was classified in accordance with Directive 67/548/EC and Directive 1999/45/EC, adapting the requirements to Regulation (EC) n°1907/2006 (REACH regulation).  
Carc. Cat 2: R45 - May cause cancer (Category 2)  
F: R11 - Highly flammable  
N: R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
Repr. Cat 1: R61 - May cause harm to the unborn child (Category 1)  
Xi: R38 - Irritating to skin  
Xn: R20/21 - Harmful by inhalation and in contact with skin, R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation  
R33 - Danger of cumulative effects

**2.2 Label elements:**

**Directive 67/548/EC and Directive 1999/45/EC:**

In accordance with the legislation, the elements on the label are as follows:



Highly flammable



Dangerous for the environment



Toxic

**R Phrases:**

R11: Highly flammable  
R20/21: Harmful by inhalation and in contact with skin  
R33: Danger of cumulative effects  
R38: Irritating to skin  
R45: May cause cancer (Category 2)  
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R61: May cause harm to the unborn child (Category 1)

**S Phrases:**

S16: Keep away from sources of ignition - No smoking  
S20/21: When using do not eat, drink or smoke  
S23: Do not breathe vapour and spray  
S24: Avoid contact with skin  
S36/37: Wear suitable protective clothing and gloves  
S38: In case of insufficient ventilation, wear suitable respiratory equipment  
S43: In case of fire, use polyvalent powder ABC  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)  
S51: Use only in well-ventilated areas  
S53: Avoid exposure - obtain special instructions before use  
S61: Avoid release to the environment Refer to special instructions/safety data sheets  
S9: Keep container in a well-ventilated place

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**SECTION 2: HAZARDS IDENTIFICATION (continue)**

**Supplementary information:**

P90a: Contains lead. Do not use in objects that children may chew or suck  
P95: For professional use only: "Warning -avoid exposure-. Obtain special instructions before use"  
P99: Contains Butanone oxime, Cobalt bis(2-ethylhexanoate). May cause an allergic reaction

**Substances that contribute to the classification:**

Ethylbenzene; Xylene (mixture of isomers); Lead sulfochromate yellow; Toluene

**2.3 Other hazards:**

Non-applicable

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical description:** Mixture composed of pigments and resins

**Components:**

In accordance with Annex II of Regulation (EC) n°1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH:01-2119488216-32-XXXX	<b>Xylene (mixture of isomers)</b> ATP CLP00	25 - <50 %
	Directive 67/548/EC Xi: R38; Xn: R20/21; R10 Regulation 1272/2008 Acute Tox. 4: H312+H332; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Attention	
CAS: 108-88-3 EC: 203-625-9 Index: 601-021-00-3 REACH:01-2119471310-51-XXXX	<b>Toluene</b> ATP CLP00	10 - <25 %
	Directive 67/548/EC F: R11; Repr. Cat 3: R63; Xi: R38; Xn: R48/20, R65; R67 Regulation 1272/2008 Asp. Tox. 1: H304; Flam. Liq. 2: H225; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336 - Danger	
CAS: 100-41-4 EC: 202-849-4 Index: 601-023-00-4 REACH:01-2119489370-35-XXXX	<b>Ethylbenzene</b> ATP CLP00	1 - <10 %
	Directive 67/548/EC F: R11; Xn: R20 Regulation 1272/2008 Acute Tox. 4: H332; Flam. Liq. 2: H225 - Danger	
CAS: 1344-37-2 EC: 215-693-7 Index: 082-009-00-X REACH:01-2119502446-46-XXXX	<b>Lead sulfochromate yellow</b> ATP ATP01	1 - <10 %
	Directive 67/548/EC Carc. Cat 2: R45; N: R50/53; Repr. Cat 1: R61; Repr. Cat 3: R62; R33 Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Carc. 1B: H350; Repr. 1A: H360Df; STOT RE 2: H373 - Danger	
CAS: Non-applicable EC: 918-668-5 Index: Non-applicable REACH:01-2119455851-35-XXXX	<b>Hydrocarbons, C9, aromatics (Benzene &lt; 0.1 % w/w)</b> Self-classified	0,5 - <1 %
	Directive 67/548/EC N: R51/53; Xi: R37; Xn: R65; R10; R66; R67 Regulation 1272/2008 Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; STOT SE 3: H336 - Danger	
CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH:01-2119475791-29-XXXX	<b>2-methoxy-1-methylethyl acetate</b> ATP ATP01	0,5 - <1 %
	Directive 67/548/EC R10 Regulation 1272/2008 Flam. Liq. 3: H226 - Attention	
CAS: 136-52-7 EC: 205-250-6 Index: Non-applicable REACH:01-2119524678-29-XXXX	<b>Cobalt bis(2-ethylhexanoate)</b> Self-classified	<0,5 %
	Directive 67/548/EC N: R50/53; Repr. Cat 3: R62; Xi: R43 Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Repr. 2: H361; Skin Sens. 1: H317 - Attention	
CAS: 95-63-6 EC: 202-436-9 Index: 601-043-00-3 REACH:01-2119472135-42-XXXX	<b>1,2,4-trimethylbenzene</b> ATP CLP00	<0,5 %
	Directive 67/548/EC N: R51/53; Xi: R36/37/38; Xn: R20; R10 Regulation 1272/2008 Acute Tox. 4: H332; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335 - Attention	
CAS: 96-29-7 EC: 202-496-6 Index: 616-014-00-0 REACH:01-2119539477-28-XXXX	<b>Butanone oxime</b> ATP CLP00	<0,5 %
	Directive 67/548/EC Carc. Cat 3: R40; Xi: R41, R43; Xn: R21 Regulation 1272/2008 Acute Tox. 4: H312; Carc. 2: H351; Eye Dam. 1: H318; Skin Sens. 1: H317 - Danger	
CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH:01-2119450011-60-XXXX	<b>Dipropylene Glycol Methyl Ether</b> Not classified	<0,5 %
	Directive 67/548/EC Regulation 1272/2008	
CAS: 98-82-8 EC: 202-704-5 Index: 601-024-00-X REACH:01-2119473983-24-XXXX	<b>Cumene</b> ATP CLP00	<0,5 %
	Directive 67/548/EC N: R51/53; Xi: R37; Xn: R65; R10 Regulation 1272/2008 Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335 - Danger	

To obtain more information on the risk of the substances consult sections 8, 11, 12 and 16.



#### 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 MSDS 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.

##### **By eye contact:**

Rinse eyes thoroughly with luke warm 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, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the MSDS of the product.

##### **By consumption:**

Do not induce vomiting, but if it does happen keep the head up to avoid inhalation. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

##### 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 (CO<sub>2</sub>). IT IS RECOMMENDED NOT to use tap water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive subproducts 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 individual respiratory equipment. 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. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, 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 inertizing agent. 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:

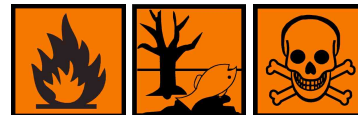
Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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

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**SECTION 6: ACCIDENTAL RELEASE MEASURES (continue)**

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

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. Avoid projections and pulverisations. 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

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in fixed places that comply with the necessary security conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to containers of small amounts. 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

**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 work environment

Identification	Environmental limits		
	IOELV (8h)	IOELV (STEL)	Year
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	50 ppm	221 mg/m <sup>3</sup>	2012
	100 ppm	442 mg/m <sup>3</sup>	
	Year	2012	
Toluene CAS: 108-88-3 EC: 203-625-9	50 ppm	192 mg/m <sup>3</sup>	2012
	100 ppm	384 mg/m <sup>3</sup>	
	Year	2012	
Ethylbenzene CAS: 100-41-4 EC: 202-849-4	100 ppm	442 mg/m <sup>3</sup>	2012
	200 ppm	884 mg/m <sup>3</sup>	
	Year	2012	

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)**

Identification	Environmental limits		
	IOELV (8h)		
Lead sulfochromate yellow CAS: 1344-37-2 EC: 215-693-7	IOELV (8h)		0,15 mg/m <sup>3</sup>
	IOELV (STEL)		
	Year	2012	
	IOELV (8h)	50 ppm	275 mg/m <sup>3</sup>
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	IOELV (STEL)	100 ppm	550 mg/m <sup>3</sup>
	Year	2012	
	IOELV (8h)	20 ppm	100 mg/m <sup>3</sup>
	IOELV (STEL)		
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	Year	2012	
	IOELV (8h)	50 ppm	308 mg/m <sup>3</sup>
	IOELV (STEL)		
	Year	2012	
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	IOELV (8h)	20 ppm	100 mg/m <sup>3</sup>
	IOELV (STEL)	50 ppm	250 mg/m <sup>3</sup>
	Year	2012	
	Year	2012	

**DNEL (Workers):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Xylene (mixture of isomers) 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 <sup>3</sup>	289 mg/m <sup>3</sup>	77 mg/m <sup>3</sup>	Non-applicable
Toluene CAS: 108-88-3 EC: 203-625-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	384 mg/kg	Non-applicable
	Inhalation	384 mg/m <sup>3</sup>	384 mg/m <sup>3</sup>	192 mg/m <sup>3</sup>	192 mg/m <sup>3</sup>
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 <sup>3</sup>	77 mg/m <sup>3</sup>	Non-applicable
Hydrocarbons, C9, aromatics (Benzene < 0.1 % w/w) CAS: Non-applicable EC: 918-668-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	25 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	150 mg/m <sup>3</sup>	Non-applicable
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	153,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	275 mg/m <sup>3</sup>	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 <sup>3</sup>
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	16171 mg/kg	Non-applicable
	Inhalation	100 mg/m <sup>3</sup>	100 mg/m <sup>3</sup>	100 mg/m <sup>3</sup>	100 mg/m <sup>3</sup>
Butanone oxime CAS: 96-29-7 EC: 202-496-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	2,5 mg/kg	Non-applicable	1,3 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	9 mg/m <sup>3</sup>	3,33 mg/m <sup>3</sup>
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	65 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	310 mg/m <sup>3</sup>	Non-applicable
Cumene CAS: 98-82-8 EC: 202-704-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	15,4 mg/kg	Non-applicable
	Inhalation	Non-applicable	250 mg/m <sup>3</sup>	100 mg/m <sup>3</sup>	Non-applicable

**DNEL (Population):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Xylene (mixture of isomers) 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 <sup>3</sup>	Non-applicable

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Toluene CAS: 108-88-3 EC: 203-625-9	Oral	Non-applicable	Non-applicable	8,13 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	226 mg/kg	Non-applicable
	Inhalation	226 mg/m <sup>3</sup>	226 mg/m <sup>3</sup>	56,5 mg/m <sup>3</sup>	56,5 mg/m <sup>3</sup>
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 <sup>3</sup>	Non-applicable
Hydrocarbons, C9, aromatics (Benzene < 0.1 % w/w) CAS: Non-applicable EC: 918-668-5	Oral	Non-applicable	Non-applicable	11 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	11 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	32 mg/m <sup>3</sup>	Non-applicable
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	Oral	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	54,8 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	33 mg/m <sup>3</sup>	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 <sup>3</sup>
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	Oral	Non-applicable	Non-applicable	15 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	9512 mg/kg	Non-applicable
	Inhalation	29,4 mg/m <sup>3</sup>	29,4 mg/m <sup>3</sup>	29,4 mg/m <sup>3</sup>	29,4 mg/m <sup>3</sup>
Butanone oxime CAS: 96-29-7 EC: 202-496-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	1,5 mg/kg	Non-applicable	0,78 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2,7 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	Oral	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	15 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	37,2 mg/m <sup>3</sup>	Non-applicable
Cumene CAS: 98-82-8 EC: 202-704-5	Oral	Non-applicable	Non-applicable	5 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,2 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	16,6 mg/m <sup>3</sup>	Non-applicable

**PNEC:**

Identification				
Xylene (mixture of isomers) 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
Toluene CAS: 108-88-3 EC: 203-625-9	STP	13,61 mg/L	Fresh water	0,68 mg/L
	Soil	2,89 mg/kg	Marine water	0,68 mg/L
	Intermittent	0,68 mg/L	Sediment (Fresh water)	16,39 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	16,39 mg/kg
Ethylbenzene CAS: 100-41-4 EC: 202-849-4	STP	9,6 mg/L	Fresh water	0,1 mg/L
	Soil	2,68 mg/kg	Marine water	0,01 mg/L
	Intermittent	0,1 mg/L	Sediment (Fresh water)	13,7 mg/kg
	Oral	20 g/kg	Sediment (Marine water)	1,37 mg/kg
Lead sulfochromate yellow CAS: 1344-37-2 EC: 215-693-7	STP	Non-applicable	Fresh water	0,1 mg/L
	Soil	Non-applicable	Marine water	0,01 mg/L
	Intermittent	1 mg/L	Sediment (Fresh water)	Non-applicable
	Oral	Non-applicable	Sediment (Marine water)	Non-applicable
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	STP	100 mg/L	Fresh water	0,635 mg/L
	Soil	0,29 mg/kg	Marine water	0,0635 mg/L
	Intermittent	6,35 mg/L	Sediment (Fresh water)	3,29 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,329 mg/kg

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)**



Identification				
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
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	STP	2,41 mg/L	Fresh water	0,12 mg/L
	Soil	2,34 mg/kg	Marine water	0,12 mg/L
	Intermittent	0,12 mg/L	Sediment (Fresh water)	13,56 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	13,56 mg/kg
Butanone oxime CAS: 96-29-7 EC: 202-496-6	STP	177 mg/L	Fresh water	0,256 mg/L
	Soil	Non-applicable	Marine water	Non-applicable
	Intermittent	0,118 mg/L	Sediment (Fresh water)	Non-applicable
	Oral	Non-applicable	Sediment (Marine water)	Non-applicable
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	STP	4168 mg/L	Fresh water	19 mg/L
	Soil	2,74 mg/kg	Marine water	1,9 mg/L
	Intermittent	190 mg/L	Sediment (Fresh water)	70,2 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	7,02 mg/kg
Cumene CAS: 98-82-8 EC: 202-704-5	STP	200 mg/L	Fresh water	0,035 mg/L
	Soil	0,624 mg/kg	Marine water	0,0035 mg/L
	Intermittent	0,012 mg/L	Sediment (Fresh water)	3,22 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,322 mg/kg

**8.2 Exposure controls:**



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

In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the professional exposure limits. In case of using individual protection equipment they should have the "CE marking" in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1.



**B.- Respiratory protection**

LRP Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory respiratory tract protection	Filter mask for gases, vapours and particles		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**

LRP Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	NON-disposable chemical protective gloves		EN 374-1:2003 EN 374-3:2003/AC:2006 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.

**D.- Ocular and facial protection**

LRP Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Face mask		EN 166:2001 EN 167:2001 EN 168:2001 EN 172:1994/A1:2000 EN 172:1994/A2:2001 EN 165:2005	Clean daily and disinfect periodically according to the manufacturer's instructions.

**E.- Bodily protection**

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)**

LRP Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	 CAT III	EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2001 EN ISO 6530:2005 EN 340:2003 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	 CAT III	EN 13287:2007 EN ISO 20345:2011 EN 13832-1:2006 EN ISO 20344:2011	Replace boots at any sign of deterioration.

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2002	 Eyewash stations	DIN 12 899 ISO 3864-1:2002

**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

**Volatil organic compounds:**

With regard to Directive 1999/13/EC, this product has the following characteristics:

V.O.C. (Supply):	50,96 % weight
V.O.C. density at 20 °C:	509,54 kg/m <sup>3</sup> (509,54 g/L)
Average carbon number:	7,63
Average molecular weight:	102,41 g/mol

**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:	Viscous
Color:	Not available
Odor:	Characteristic

**Volatility:**

Boiling point at atmospheric pressure:	127 °C
Vapour pressure at 20 °C:	1621 Pa
Vapour pressure at 50 °C:	7283 Pa (7 kPa)
Evaporation rate at 20 °C:	Non-applicable *

**Product description:**

Density at 20 °C:	1000 kg/m <sup>3</sup>
Relative density at 20 °C:	1
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	>7 cSt
Concentration:	Non-applicable *

\*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 (continue)**

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 property:	Non-applicable *
Decomposition temperature:	Non-applicable *

**Flammability:**

Flash Point:	17 °C
Autoignition temperature:	265 °C
Lower flammability limit:	Not available
Upper flammability limit:	Not available

**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 if the following technical instructions storage of chemicals. 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 conditions no hazardous reactions are expected to produce a pressure or excessive temperatures.

**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	Combustive materials	Combustible materials	Others
Not applicable	Not applicable	Avoid direct impact	Avoid direct impact	Not applicable

**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 (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

No experimental information is available on the product itself in relation to the toxicological properties. When performing the danger classification on corrosive or irritant effects the recommendations included in section 3.2.5 of Annex VI of Directive 67/548/EC, in paragraphs b) and c) of section 3 of article 6 of Directive 1999/45/EC and in section 3.2.3.3.5. of Annex I of CLP Regulation were taken into account.

Contains glycols. With possibility of effects that are hazardous to the health, it is recommended not to breathe the vapours for long periods of time.

**Dangerous health implications:**

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

A.- Ingestion:

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**SECTION 11: TOXICOLOGICAL INFORMATION (continue)**

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.

**B- Inhalation:**

Exposure in high concentrations can cause a breakdown in the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion and in serious cases, loss of concentration.

**C- Contact with the skin and the eyes:**

Produces skin inflammation.

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

Exposure to this product can cause cancer. For more specific information on the possible health effects see section 2.

**E- Sensitizing effects:**

Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous with sensibilizing effects. For more information see section 3.

**F- Specific target organ toxicity (STOT)-time exposure:**

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.

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

Exposure in high concentrations can cause a breakdown in the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion and in serious cases, loss of concentration.

**H- Aspiration hazard:**

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.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	LD50 oral	2100 mg/kg	Rat
	LD50 dermal	1100 mg/kg	Rat
	LC50 inhalation	11 mg/L (4 h)	Rat
Toluene CAS: 108-88-3 EC: 203-625-9	LD50 oral	5580 mg/kg	Rat
	LD50 dermal	12124 mg/kg	Rat
	LC50 inhalation	28,1 mg/L (4 h)	Rat
Ethylbenzene CAS: 100-41-4 EC: 202-849-4	LD50 oral	3500 mg/kg	Rat
	LD50 dermal	15354 mg/kg	Rabbit
	LC50 inhalation	17,2 mg/L (4 h)	Rat
Lead sulfochromate yellow CAS: 1344-37-2 EC: 215-693-7	LD50 oral	5000 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	LD50 oral	8532 mg/kg	Rat
	LD50 dermal	5000 mg/kg	Rat
	LC50 inhalation	30 mg/L (4 h)	Rat
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	LD50 oral	3400 mg/kg	Rat
	LD50 dermal	3160 mg/kg	Rabbit
	LC50 inhalation	11 mg/L (4 h)	Rat
Butanone oxime CAS: 96-29-7 EC: 202-496-6	LD50 oral	2100 mg/kg	Rat
	LD50 dermal	1100 mg/kg	Rat
	LC50 inhalation	Non-applicable	

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the ecotoxicological properties of the mixture itself is not available

**12.1 Toxicity:**

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**SECTION 12: ECOLOGICAL INFORMATION (continue)**

Identification	Acute toxicity		Specie	Genus
	LC50			
Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	LC50	13,5 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	0,6 mg/L (96 h)	Gammarus lacustris	Crustacean
	EC50	10 mg/L (72 h)	Skeletonema costatum	Alga
Toluene CAS: 108-88-3 EC: 203-625-9	LC50	13 mg/L (96 h)	Carassius auratus	Fish
	EC50	11,5 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	125 mg/L (48 h)	Scenedesmus subspicatus	Alga
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	Alga
Lead sulfochromate yellow CAS: 1344-37-2 EC: 215-693-7	LC50	0,1 - 1 mg/L (96 h)		Fish
	EC50	0,1 - 1 mg/L (48 h)		Crustacean
	EC50	0,1 - 1 mg/L (72 h)		Alga
Hydrocarbons, C9, aromatics (Benzene < 0.1 % w/w) CAS: Non-applicable EC: 918-668-5	LC50	1 - 10 mg/L (96 h)		Fish
	EC50	1 - 10 mg/L (48 h)		Crustacean
	EC50	1 - 10 mg/L (72 h)		Alga
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	LC50	161 mg/L (96 h)	Pimephales promelas	Fish
	EC50	481 mg/L (48 h)	Daphnia sp.	Crustacean
	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 (48 h)		Crustacean
	EC50	0,1 - 1 mg/L (72 h)		Alga
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	LC50	7,72 mg/L (96 h)	Pimephales promelas	Fish
	EC50	6,14 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
Butanone oxime CAS: 96-29-7 EC: 202-496-6	LC50	843 mg/L (96 h)	Pimephales promelas	Fish
	EC50	750 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	83 mg/L (72 h)	Scenedesmus subspicatus	Alga
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	LC50	10000 mg/L (96 h)	Pimephales promelas	Fish
	EC50	1919 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
Cumene CAS: 98-82-8 EC: 202-704-5	LC50	2,7 mg/L (96 h)	Salmo gairdneri	Fish
	EC50	10,8 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	2,6 mg/L (72 h)	Selenastrum capricornutum	Alga

**12.2 Persistence and degradability:**

Identification	Degradability		Biodegradability	
	BOD5		Concentration	
Toluene CAS: 108-88-3 EC: 203-625-9	BOD5	2.5 g O2/g	Concentration	100 mg/L
	Code	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	100 %
Ethylbenzene CAS: 100-41-4 EC: 202-849-4	BOD5	Non-applicable	Concentration	100 mg/L
	Code	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	90 %
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	BOD5	Non-applicable	Concentration	785 mg/L
	Code	Non-applicable	Period	8 days
	BOD5/COD	Non-applicable	% Biodegradable	100 %
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	BOD5	Non-applicable	Concentration	100 mg/L
	Code	Non-applicable	Period	28 days
	BOD5/COD	0.43	% Biodegradable	18 %
Butanone oxime CAS: 96-29-7 EC: 202-496-6	BOD5	Non-applicable	Concentration	100 mg/L
	Code	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	24 %
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	BOD5	Non-applicable	Concentration	Non-applicable
	Code	0.00202 g O2/g	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	73 %

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**SECTION 12: ECOLOGICAL INFORMATION (continue)**

Identification	Degradability		Biodegradability	
	Cumene CAS: 98-82-8 EC: 202-704-5	BOD5	Non-applicable	Concentration
	Code	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	40 %

**12.3 Bioaccumulative potential:**

Identification	Bioaccumulation potential	
	Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	BCF
	Pow Log	2,77
	Potential	Low
Toluene CAS: 108-88-3 EC: 203-625-9	BCF	13
	Pow Log	2,73
	Potential	Low
Ethylbenzene CAS: 100-41-4 EC: 202-849-4	BCF	1
	Pow Log	3,15
	Potential	Low
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	BCF	1
	Pow Log	0,43
	Potential	Low
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	BCF	154
	Pow Log	3,78
	Potential	High
Butanone oxime CAS: 96-29-7 EC: 202-496-6	BCF	5
	Pow Log	0,59
	Potential	Low
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	BCF	1
	Pow Log	-0,06
	Potential	Low
Cumene CAS: 98-82-8 EC: 202-704-5	BCF	120
	Pow Log	3,66
	Potential	High

**12.4 Mobility in soil:**

Identification	Absorption/desorption		Volatility	
	Xylene (mixture of isomers) CAS: 1330-20-7 EC: 215-535-7	Koc	202	Henry
	Conclusion	Moderate	Dry soil	Yes
	Surface tension	Non-applicable	Moist soil	Yes
Toluene CAS: 108-88-3 EC: 203-625-9	Koc	178	Henry	6,728E+2 Pa·m <sup>3</sup> /mol
	Conclusion	Moderate	Dry soil	Yes
	Surface tension	27930 N/m (25 °C)	Moist soil	Yes
Ethylbenzene CAS: 100-41-4 EC: 202-849-4	Koc	520	Henry	7,984E+2 Pa·m <sup>3</sup> /mol
	Conclusion	Moderate	Dry soil	Yes
	Surface tension	28590 N/m (25 °C)	Moist soil	Yes
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	Koc	537	Henry	6,242E+2 Pa·m <sup>3</sup> /mol
	Conclusion	Low	Dry soil	Yes
	Surface tension	29190 N/m (25 °C)	Moist soil	Yes
Butanone oxime CAS: 96-29-7 EC: 202-496-6	Koc	3	Henry	Non-applicable
	Conclusion	Very High	Dry soil	Non-applicable
	Surface tension	25700 N/m (25 °C)	Moist soil	Non-applicable
Cumene CAS: 98-82-8 EC: 202-704-5	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	27690 N/m (25 °C)	Moist soil	Non-applicable

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

Non-applicable

**12.6 Other adverse effects:**

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**SECTION 12: ECOLOGICAL INFORMATION (continue)**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

Code	Description	Waste class (Directive 2008/98/EC)
08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances	Dangerous

**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 (2000/532/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 recommend disposal down the drain. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) n°1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2000/532/EC: Commission Decision of 3 May 2000

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to ADR 2013 and RID 2013:



- 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:** II
- 14.5 Dangerous for the environment:** Yes
- 14.6 Special precautions for user**  
Special regulations: 163, 640D, 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 73/78 and the IBC Code:** Non-applicable

**Transport of dangerous goods by sea:**

With regard to IMDG 2011:



- 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:** II
- 14.5 Dangerous for the environment:** Yes
- 14.6 Special precautions for user**  
Special regulations: 163, 944  
EmS Codes: F-E, S-E  
Physico-Chemical properties: see section 9  
Limited quantities: 5 L
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Non-applicable

**Transport of dangerous goods by air:**

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## SECTION 14: TRANSPORT INFORMATION (continue)

With regard to IATA/ICAO 2013:



<b>14.1 UN number:</b>	UN1263
<b>14.2 UN proper shipping name:</b>	PAINT
<b>14.3 Transport hazard class(es):</b>	3
Labels:	3
<b>14.4 Packing group:</b>	II
<b>14.5 Dangerous for the environment:</b>	Yes
<b>14.6 Special precautions for user</b>	
Physico-Chemical properties:	see section 9
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	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) 1907/2006 (REACH): Lead sulfochromate yellow

Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable

Active substances for which a decision of non-inclusion onto Annex I (Regulation (EU) No 528/2012): Non-applicable

Regulation (EC) 689/2008, in relation to the import and export of hazardous chemical products: Non-applicable

#### Additional Labelling (Annex XVII, REACH):

Restricted to professional users

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

Contains more than 0,1 % of Toluene by weight. The use of this product is prohibited in adhesives or spray paints for sale to the general public.

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.

Product classified hazardous under the CMR. Sale and distribution to the general public is prohibited. Due to its CMR category, it is essential to apply the specific measures for workplace hazard prevention covered in articles 4 and 5 of the 90/394/EC Directive and later modifications.

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

#### Other legislation:

Non-applicable

### 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) N° 1907/2006 (Regulation (EC) N° 453/2010)

### Modifications related to the previous security card which concerns the ways of managing risks. :

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**SECTION 16: OTHER INFORMATION (continue)**

Non-applicable

**Text of R-phrases considered in section 3:**

**Directive 67/548/EC and Directive 1999/45/EC:**

- R10: Flammable
- R11: Highly flammable
- R20: Harmful by inhalation
- R20/21: Harmful by inhalation and in contact with skin
- R21: Harmful in contact with skin
- R33: Danger of cumulative effects
- R36/37/38: Irritating to eyes, respiratory system and skin
- R37: Irritating to respiratory system
- R38: Irritating to skin
- R40: Limited evidence of a carcinogenic effect
- R41: Risk of serious damage to eyes
- R43: May cause sensitisation by skin contact
- R45: May cause cancer (Category 2)
- R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation
- R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R61: May cause harm to the unborn child (Category 1)
- R62: Possible risk of impaired fertility
- R63: Possible risk of harm to the unborn child
- R65: Harmful: may cause lung damage if swallowed
- R66: Repeated exposure may cause skin dryness or cracking
- R67: Vapours may cause drowsiness and dizziness

**CLP Regulation (EC) n° 1272/2008:**

- Acute Tox. 4: H312 - Harmful in contact with skin.
- 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 1: H410 - Very toxic to aquatic life with long lasting effects.
- 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.
- Carc. 1B: H350 - May cause cancer
- Carc. 2: H351 - Suspected of causing cancer
- Eye Dam. 1: H318 - Causes serious eye damage.
- 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. 1A: H360Df - May damage the foetus. Suspected to impair fertility.
- Repr. 2: H361 - Suspected of damaging fertility or the unborn child
- Repr. 2: H361d - Suspected to damage the foetus.
- Skin Irrit. 2: H315 - Causes skin irritation.
- Skin Sens. 1: H317 - May cause an allergic skin reaction.
- STOT RE 2: H373 - May cause damage to organs
- STOT SE 3: H335 - May cause respiratory irritation.
- STOT SE 3: H336 - May cause drowsiness or dizziness.

**Advice related to training:**

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

**Principal bibliographical sources:**

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

**Abbreviations and acronyms:**



**MARTELE JUNO VERDE, ROJO, AMARILLO...  
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**SECTION 16: OTHER INFORMATION (continue)**

- 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
- CL50: Lethal Concentration 50
- EC50: Effective concentration 50
- Log-POW: Octanol–water partition coefficient
- Koc: Partition coefficient of organic carbon

The information contained in this security 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 security data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -