

SAFETY DATA SHEET

(in accordance with Regulation (EU) No 453/2010)

OCTOATO DE COBALTO 6%

Version: 2
Revision date: 12/12/2025

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

1.1 Product identifier.

Product Name: OCTOATO DE COBALTO 6%

1.2 Relevant identified uses of the mixture and uses advised against.

Catalyst for coatings. Professional uses only.

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

RESINAS CASTRO S.L.Pol. Ind. A Granxa, 3ª
Paralela C/Cies 190, 36400 O Porriño – ESPAÑA
Tlf.: +34 986 342 955
Fax: +34 986 342 520
E-mail: shop@castrocomposites.com
web: www.castrocomposites.com

1.4 Emergency telephone number: +34 704 1000 87 (Available 24 hours)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the mixture.

In accordance with Regulation (EU) No 1272/2008:

Acute Tox. 4 : Harmful if inhaled.
Eye Irrit. 2 : Causes serious eye irritation.
Flam. Liq. 3 : Flammable liquid and vapour.
Repr. 2 : Suspected of damaging the unborn child.
Skin Irrit. 2 : Causes skin irritation.
STOT RE 1 : Causes damage to organs through prolonged or repeated exposure.

2.2 Label elements.

Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:



Signal Word:

Danger

H statements:

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.

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P statements:

- P233 Keep the container tightly closed.
P270 Do not feed, drink or smoke when using
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378 In case of fire: Use... for extinguishing
P308+P313 IF exposed or concerned: Get medical advice/attention.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303+P361+P353 IF SKIN CONTACT: Remove all contaminated clothes immediately. Rise with plenty of water/ have a shower.
P332+P313 IF SKIN irritation: Seek for medical advice.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eyes irritation persists: Seek for medical advice.
P301+P312 IF SWALLOWED: ask for a Toxicology Centre/medical advice.
P392 Collect the spill
P405 Keep locked
P501 Remove the content / container in

EUH statements:

- EUH208 Contains cobalt bis(2-ethylhexanoate). May produce an allergic reaction.

Contains:
styrene

2.3 Other hazards.

The product may have the following additional risks:

Sustancias vPvB: None- Sustancias PBT: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Chemical name/classification		Concentrate
CAS: 64742-48-9 CE: 918-481-9 Index: No applicable REACH: 01-2119457273-39-XXXX	Hidrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2%aromatics⁽¹⁾		50-<75%
	Reglamento 1272/2008	Asp. Tox. 1, H304; EUH066 Peligro	
CAS: 136-52-7 CE: 205-250-6 Index: No applicable REACH: 01-2119524678-29-0005	Bis(2-etilhexanoato) de cobalto⁽¹⁾		25-<40%
	Reglamento 1272/2008	Aquatic Acute 1, H400 - Aquatic Chronic 3, H412 - Eye Irrit. 2, H319 - Repr. 2, H361 - Skin Sens. 1, H317	
CAS: 34590-94-8 CE: 252-104-2 Index: No applicable REACH: 01-2119450011-60-XXXX	(metil-2-metoxietoxi)propanol ⁽²⁾ No clasificada		<1%
	Reglamento 1272/2008		

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

[1] Substance with a Community workplace exposure limit (see section 8.1).

-End of safety data sheet..-

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SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

If wearing contact lenses, remove them. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact.

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

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

Harmful Product, prolonged exposure due to inhalation may cause anaesthetic effects and the need for immediate medical assistance.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

Flammable product, the necessary prevention measures should be taken in order to avoid risks, In case of fire, the following measures are recommended: The product is NOT classified as flammable, in case of fire the following measures should be taken:

5.1 Extinguishing media.

Recommended extinguishing methods.

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

5.2 Special hazards arising from the mixture.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

Eliminate possible ignition points and ventilate the area. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

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6.2 Environmental precautions.

Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

No particular uses. Recommended uses exposed in the epigraph 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Identification	Environmental Limit Values		
(metil-2-metoxietoxi)propanol N. CAS: 34590-94-8 N. CE: 252-104-2	VLA-ED	50ppm	308 mg/m ³
	VLA-EC		
	Año	2018	

DNEL (Workers):

Identification		Acute exposition		Long-term exposition	
		Sistemyc	Acute	Sistemyc	Acute
bis(2-etilhexanoato) de cobalto N. CAS: 136-52-7 N. CE: 205-250-6	Oral	No relevant	No relevant	No relevant	No relevant
	Cutánea	No relevant	No relevant	No relevant	No relevant
	Inhalación	No relevant	No relevant	No relevant	0,2351 mg/m ³
(metil-2-metoxietoxi)propanol N. CAS: 34590-94-8 N. CE: 252-104-2	Oral	No relevant	No relevant	No relevant	No relevant
	Cutánea	No relevant	No relevant	65 mg/Kg	No relevant
	Inhalación	No relevant	No relevant	310 mg/m ³	No relevant

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

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DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:

Identification				
bis(2-etilhexanoato) de cobalto N. CAS: 136-52-7 N. CE: 205-250-6	STP	0,37 mg/L	Agua dulce	0,00051 mg/L
	Suelo	7,9mg/Kg	Agua salada	0,00236 mg/L
	Intermitente	No relevante	Sedimento (Agua dulce)	9,5 mg/Kg
	Oral	No relevante	Sedimento (Agua salada)	9,5 mg/Kg
(metil-2-metoxietoxi)propanol N. CAS: 34590-94-8 N. CE: 252-104-2	STP	4168 mg/L	Agua dulce	19 mg/L
	Suelo	2,74 mg/Kg	Agua salada	1,9 mg/L
	Intermitente	190 mg/L	Sedimento (Agua dulce)	70,2 mg/Kg
	Oral	No relevante	Sedimento (Agua salada)	70,2 mg/Kg

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:		100 %				
Uses:		Aplicaciones industriales- cuaderno de materiales de revestimiento.				
Breathing protection:						
PPE:	Filter mask for protection against gases and particles.					
Characteristics:	«CE» marking, category III. The mask must have a wide field of vision and an anatomically designed form in order to be sealed and watertight.					
CEN standards:	EN 136, EN 140, EN 405					
Maintenance:	Should not be stored in places exposed to high temperatures and damp environments before use. Special attention should be paid to the state of the inhalation and exhalation valves in the face adaptor.					
Observations:	Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer.					
Filter Type needed:	C1					
Hand protection:						
PPE:	Protective gloves against chemicals.					
Characteristics:	«CE» marking, category III.					
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420					
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.					
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.					
Material:	Rubber	Breakthrough time (min.):	> 30	Material thickness (mm):	0,4	
Material:	Fluoroelastomer	Breakthrough time (min.):	> 30	Material thickness (mm):	0,7	
Eye protection:						
PPE:	Protective goggles with built-in frame.					
Characteristics:	«CE» marking, category II. Eye protector with built-in frame for protection against dust, smoke, fog and vapour.					
CEN standards:	EN 165. EN 166. EN 167. EN 168					

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Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions.
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping etc.
Skin protection:	
PPE:	Chemical protective clothing
Characteristics:	«CE» marking, category III. Clothing should fit properly. The level of protection must be set according to a test parameter called BT (Breakthrough Time), which indicates how long it takes for the chemical to pass through the material.
CEN standards:	EN 464, EN 340, EN 943-1, EN 943-2, EN ISO 6529, EN ISO 6530, EN 13034
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.
Observations:	The protective clothing's design should facilitate correct positioning, staying in place without moving for the period of use expected, bearing in mind environmental factors as well as any movement or position the user might adopt while carrying out the activity.
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance at 20°C: Liquid

Colour: Blue cobalt

Odour: N.A./N.A.

Odour threshold: N.A./N.A.

pH: N.A./N.A.

Boiling Point: 202 °C

Flash point: 61°C

Evaporation rate: N.A./N.A.

Inflammability (solid, gas): N.A./N.A.

Lower Explosive Limit:

Upper Explosive Limit:

Vapour pressure at 25°C: 316 Pa

Vapour pressure at 50°C: 1312 Pa

Density at 25°C: 850-950 Kg/m³

Relative density at 25°C: 0.9 g/cm³

Solubility: N.A./N.A.

Liposolubility: N.A./N.A.

Hydrosolubility: N.A./N.A.

Partition coefficient (n-octanol/water): N.A./N.A.

Auto-ignition temperature: 490 °C

Decomposition temperature: N.A./N.A.

Kinematic viscosity at 40°C: 66 cSt

Dinamyc viscosity at 25°C: 60cP

Explosive properties: N.A./N.A.

Oxidizing properties: N.A./N.A.

N.A./N.A. = Not Available/Not Applicable due to the nature of the product

9.2. Other information.

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SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

If the storage conditions are satisfied, does not produce dangerous reactions.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

Flammable liquid and vapour. Exothermic polymerization caused by strong oxidizers, peroxides and radical generators.

10.4 Conditions to avoid.

Avoid any uncorrect handling.

Protect from high temperature and direct sunlight, as these may cause a risk of fire.

10.5 Incompatible materials.

Avoid the following materials:

- Explosives materials.
- Toxic materials.
- Oxidizing materials.
- Radical generators

10.6 Hazardous decomposition products.

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Splatters in the eyes can cause irritation and reversible damage.

Toxicological information about the substances present in the composition.

Identification	Acute toxicity		Gender
bis(2-etilhexanoato) de cobalto N. CAS: 136-52-7 N. CE: 205-250-6	DL50 oral	>2000 mg/Kg	0,00051 mg/L
	DL50 skin	>2000 mg/Kg	0,00236 mg/L
	CL50 inhalation	>5 mg/L (4h)	9,5 mg/Kg
Hidrocarburos, C10-C13, isoalcanos, ciclicos, <2% aromáticos N. CAS: N. CE: 918-317-6	DL50 oral	>2000 mg/Kg	
	DL50 skin	>2000 mg/Kg	
	CL50 inhalation	>20 mg/L (4h)	
(metil-2-metoxietoxi)propanol N. CAS: 34590-94-8 N. CE: 252-104-2	DL50 oral	>2000 mg/Kg	19 mg/L
	DL50 skin	>2000 mg/Kg	1,9 mg/L
	CL50 inhalation	>20 mg/L	70,2 mg/Kg

a) acute toxicity;

Product classified:

Acute toxicity (Inhalation), Category 4: Harmful if inhaled.

Acute Toxicity Estimate (ATE):

ATE (Inhalation) = 4520 mg/l/4 h (Gases)

ATE (Inhalation) = 11 mg/l/4 h (Fumes)

b) skin corrosion/irritation;

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Product classified:

Skin irritant, Category 2: Causes skin irritation.

c) serious eye damage/irritation;

Product classified:

Eye irritation, Category 2: Causes serious eye irritation.

d) respiratory or skin sensitisation;

Product classified:

Skin sensitizer, Category 1: May cause an allergic skin reaction.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Product classified:

Reproductive toxicant, Category 2: Suspected of damaging fertility or the unborn child.

h) STOT-single exposure;

Product classified:

Specific target organ toxicity following a single exposure, Category 3:

i) STOT-repeated exposure;

Product classified:

Specific target organ toxicity following a repeated exposure, Category 1: Causes damage to organs through prolonged or repeated exposure.

j) aspiration hazard;

Not conclusive data for classification.

Acute toxicity estimated (ATE mix):

ATE mix		Componentes de toxicidad desconocida
Oral	>2000 mg/Kg	No applicable
Cutánea	>2000 mg/Kg	No applicable
Inhalación	>20 mg/L (4h)	No applicable
DL50 oral	>2000 mg/Kg	No applicable

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Identification	Acute toxicity		Species	Gender
bis(2-etilhexanoato) de cobalto N. CAS: 136-52-7 N. CE: 205-250-6	CL50	0,1-1 mg/L (96h)		Fish
	CE50	0,1-1 mg/L		Crustacean
	CE50	0,1-1 mg/L		Alga
(metil-2-metoxietoxi)propanol N. CAS: 34590-94-8 N. CE: 252-104-2	CL50	10000 mg/L (96h)	Pimephales promelas	Fish
	CE50	1919 mg/L (48h)	Daphnia magna	Crustacean
	CE50	No relevante		

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12.2 Persistence and degradability.

Identification	Acute toxicity		Species	Gender
(metil-2-metoxietoxi)propanol N. CAS: 34590-94-8 N. CE: 252-104-2	DB05	Non relevant	Concentrate	Non relevant
	DQO	0.00202 g O ₂ /g	Period	28 days
	DBQ5/DQO	Non relevant	%Biodegradated	73%

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Identification	Bioaccumulate potential	
(metil-2-metoxietoxi)propanol N. CAS: 34590-94-8 N. CE: 252-104-2	BCF	1
	Log Pow	-0.06
	Potencial	Bajo

12.4 Mobility in soil.

No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13 DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.
Follow the provisions of Directive 2008/98/EC regarding waste management.

Code	Description	(Reglamento (UE) nº 1357/2014)
08 01 11	Residues of paint and varnish containing organic solvents or other dangerous substances	Hazardous

Tipo de residuo (Reglamento (UE) nº 1357/2014):

HP14 Ecotoxicical, HP4 Irritant- skin irritation and eye damage, HP13 Sensibilizan, HP10 Toxic for reproduction.

Waste management (disposal and recovery):

Consult the authorized waste manager for recovery and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98 / EC, Law 22/2011). According to codes 15 01 (2014/955 / EU) in the case that the container has been in direct contact with the product will be managed in the same way as the product itself, otherwise it will be managed as non-hazardous waste. It is discouraged its discharge to water courses. See section 6.2.

Legislative provisions related to waste management:

According to Annex II Regulation (EC) No. 1907/2006 (REACH), the community or state provisions related to waste management are included.

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

National legislation: Law 22/2011, Royal Decree 180/2015, Law 11/1997

SECTION 14: TRANSPORT INFORMATION.

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Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

Land: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

Sea: Transport by ship: IMDG.

Transport documentation: Bill of lading

Air: Transport by plane: ICAO/IATA.

Transport document: Airway bill.

14.1 UN number.

UN No: UN3082

14.2 UN proper shipping name.

Description: UN 3082, SUSTANCIA LÍQUIDA PELIGROSA PARA EL MEDIO AMBIENTE, N.E.P. (CONTIENE BIS(2-ETILHEXANOATO) DE COBALTO), 9, GE III, (E)

14.3 Transport hazard class(es).

Class(es): 9

14.4 Packing group.

Packing group: III

14.5 Environmental hazards.

Marine pollutant: Yes



Dangerous for the environment

14.6 Special precautions for user.

Labe: 9



Hazard number: 90

Limited ADR quantity: 5 L

Special disposals: 274, 335, 375, 601

Restriction code in tunnels: Non relevante

Propiedades físico-químicas: see epigraph 9

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

Non relevant

SECTION 15: REGULATORY INFORMATION.

15.1 Safety, health and environmental regulations/legislation specific for the mixture.

Substances candidates for authorization in Regulation (EC) 1907/2006 (REACH): Not relevant.

Substances included in REACH Annex XIV (authorization list (and expiration date: Not relevant.

Regulation (EC) 1005/2009, on substances that deplete the ozone layer: Not relevant.

Active substances which have been included in Article 95 of Regulation (EU) No. 528/2012: Not relevant.

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REGULATION (EU) No. 649/2012, relating to the export and import of dangerous chemical products: Not relevant .

Restrictions on the marketing and use of certain dangerous substances and mixtures (Annex XVII of the REACH Regulation, etc ...):

They will not be used in:

- decorative articles intended to produce light or color effects obtained by means of different phases, for example, ambient lamps and ashtrays,
- Funny and joke items,
- games for one or more individuals or any article that is going to be used as such, even with decorative character.

Particular provisions regarding the protection of persons or the environment:

It is recommended to use the information collected in this safety data sheet as input data in a risk assessment of local circumstances in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product. .

Other legislations:

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, and amending and repealing Directives 67/548 / EEC and 1999 / 45 / EC and amending Regulation (EC) No. 1907/2006 and all its subsequent amendments.

Royal Decree 117/2003, of January 31, on limitation of emissions of volatile organic compounds due to the use of solvents in certain activities.

Royal Decree 1436/2010, of November 5, by which various royal decrees are modified to adapt it to Directive 2008/112 / EC of the European Parliament and of the Council, which modifies several directives to adapt them to Regulation (EC) No. 1272 / 2008, on classification, labeling and packaging of substances and mixtures.

15.2 Chemical safety assessment.

The supplier has not carried out chemical safety assessment.

SECTION 16: OTHER INFORMATION.

Legislation applicable to safety data sheets:

This safety data sheet has been developed in accordance with ANNEX II-Guide for the production of Safety Data Sheets of Regulation (EC) No. 1907/2006 (Regulation (EU) No. 2015/830).

Modifications to the previous safety data sheet that affect the risk management measures:

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

Substances added

(methyl-2-methoxyethoxy) propanol (34590-94-8)

Texts of the legislative phrases referred to in section 2:

H319: Causes serious eye irritation

H400: Very toxic to aquatic organisms

H412: Harmful to aquatic organisms, with long-lasting harmful effects

H361f: Suspected to harm fertility

H317: May cause an allergic skin reaction.

Texts of the legislative phrases referred to in section 3:

The phrases indicated do not refer to the product itself, are for information only and refer to the individual components that appear in section 3

Regulation No. 1272/2008 (CLP):

Aquatic Acute 1: H400-Very toxic to aquatic organisms.

Aquatic Chronic 3: H319-Causes serious eye irritation.

Asp.Tox. 1: H304-May be fatal if swallowed and enters airways.

Eye Irrit. 2: H319- Causes serious eye irritation

Repr. 2: H361f- Suspected to harm fertility.

Skin Sens. 1A: H317- May cause an allergic skin reaction.

-End of safety data sheet..-

SAFETY DATA SHEET

(in accordance with Regulation (EU) No 453/2010)



OCTOATO DE COBALTO 6%

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Classification codes:

Aquatic Acute 1: Acute toxicity to the aquatic environment, Category 1
Aquatic Chronic 3: Chronic effects for the aquatic environment, Category 3
Asp Tox. 1: Aspiration toxicity, Category 1
Eye Irrit. 2: Eye irritation, Category 2
Repr. 2: Toxic for reproduction, Category 2
Skin Sens. 1: Skin sensitizer, Category 1

Advice related to training:

Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in order to facilitate the understanding and interpretation of this safety data sheet, as well as the labeling of the product.

Abbreviations and acronyms used:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
BCF: Bioconcentration factor.
CEN: European Committee for Standardization.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50: Half maximal effective concentration.
PPE: Personal protection equipment.
IATA: International Air Transport Association.
IMDG: International Maritime Code for Dangerous Goods.
LC50: Lethal concentration, 50%.
LD50: Lethal dose, 50%.
Log Pow: Logarithm of the partition octanol-water.
NOEC: No observed effect concentration.
PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.