

SAFETY DATA SHEET

Last update: 01-12-2022

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

- **TRADE NAME OF THE PRODUCT:** DECOPROCAL
- **PREPARATION:** Packages of 25 kg.
- **COMPANY NAME:** DECOPROYEC SUBERTRES S.L.U.
- **COMPANY ADDRESS:** Polígono Industrial Los Molinos C/Trilladores nº47 - C.P: 02520 - Chinchilla de Monte-Aragón (ALBACETE).
- **Relevant identified uses of the substance or mixture and uses advised against:**
 - Identified uses: See technical data sheet
 - Uses advised against: Any use not specified in this section or in section 7.3.

2. IDENTIFICATION OF HAZARDS

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to Regulation (EC) No 1272/2008:

- ✓ Eye Dam. 1: Serious eye damage, category 1. H318.
- ✓ Skin Irrit. 2: Skin irritation, category 2. H315
- ✓ Skin Sens. 1: Skin sensitization, category 1. H317.
- ✓ STOT SE 3: Respiratory tract toxicity (single exposure), category 3. H335.

2.2. ELEMENTS OF THE LABEL – ACCORDING TO REGULATION (EC) NO 1272/2008



- **Hazard statements:**

Eye Dam. 1: H318. Causes serious eye damage.

Skin Irrit. 2: H315. Causes skin irritation.

Skin Sens. 1: H317. May produce an allergic reaction on the skin.

STOT SE 3: H335. It can irritate the respiratory tract.
- **Precautionary advice:**

P101: If medical advice is needed, have container or label at hand.

P102: Keep out of the reach of children.

P103: Read the label before use.

P261: Avoid breathing dust.

P280: Wear protective gloves/clothing/glasses/face protection.

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

P304+P340: IF INHALED: Remove person to fresh air and keep in a position for easy breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if worn and easy. Continue clarifying.

P403+P233: Store in a well-ventilated place. Keep the recipient hermetically sealed.

P501: Dispose of the contents and/or its container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

- **Substances contributing to the classification:**

Cement, portland, chemicals.

The mixture contains soluble Cr(VI) and some individuals may develop an allergic reaction.

The mixture contains a low content of soluble Cr (VI) since the cement used in its preparation maintains its level below 2 mg/kg (0.0002%) of the total dry weight of the ready-to-use cement according to the legislation specified in section 15.

Safety data sheet available to the professional user who requests it.

2.3. OTHER DANGERS

Not relevant.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

- Chemical description: Mixture of additives, aggregates and cements.
- Dangerous components:

Identification	Chemical name/classification		Concentration
CAS: 65997-15-1	Cement, portland, chemical products		10-50 %
CE: 266-043-4	Self-classified		
Index: Does not apply	Regulation 1272/2008	Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT	
REACH: Does not apply		SE 3: H335-Danger	

For more information on the danger of substances, see sections 8, 11, 12, 15 and 16.

4. FIRST AID:

4.1. DESCRIPTION OF FIRST AID

Symptoms as a consequence of poisoning may appear after exposure, so in case of doubt, direct exposure to the chemical or persistent discomfort, seek medical attention, showing the MSDS of this product to the doctor.

- **In case of inhalation:**

It is a product that does not contain substances classified as dangerous by inhalation; however, in case of symptoms of intoxication, remove the person affected from the exposure area and provide fresh air. Seek medical attention if symptoms worsen or persist.

- **In case of skin contact:**

It is a roduto that does not contain substances classified as dangerous in contact with the skin; however, in case of contact, clean the affected rod with drag rodu and neutral soap.

- **In case of contact with eyes:**

It is a roduto that does not contain substances classified as dangerous in contact with the eyes; however, in case of contact, flush eyes with plenty of room rodutora rodu for at least 15 minutes. Prevent the affected person from rubbing or closing their eyes. In the roduc that the injured person wears contact lenses, they must be removed as long as they are not stuck to the eyes, since otherwise additional damage could occur. In all cases, after washing, you should see a doctor as quickly as possible with the SDS of the roduto.

- **In case of roduto:**

Do not induce vomiting. In the roduc that this occurs, keep the head tilted forward to avoid aspiration. Keep the patient at rest. Rinse the mouth and throat, as there is a possibility that these have been affected during roduto..

4.2. MAIN SYMPTOMS AND EFFECTS, ACUTE AND DELAYED

Delayed and acute effects are as indicated in sections 2 and 11.

4.3. INDICATION OF ANY MEDICAL ATTENTION AND SPECIAL TREATMENTS THAT MUST BE PROVIDED IMMEDIATELY

Not relevant.

5. FIRE-FIGHTING MEASURES

5.1. EXTINGUISHING MEANS

Non-flammable roduto under normal conditions of storage, handling and use. In case of inflammation as a consequence of improper handling, storage or use, preferably use polyvalent rod extinguishers (ABC rod), in accordance with the Fire Protection Installation Regulations (R.D. 1942/1993 and subsequent amendments). IT IS NOT RECOMMENDED to use jet rod as an extinguishing agent.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

The roduto is not flammable, it is not explosive, nor does it facilitate the rodutor of other materials.

In a fire, in case of incomplete rodutor, the dangerous gases that are produced may contain carbon monoxide and carbon dioxide. Exposure to decomposition products produced by fire can be harmful to health.

5.3. RECOMMENDATIONS FOR FIRE-FIGHTING PERSONNEL

Depending on the magnitude of the fire, the use of full protective clothing and self-contained breathing apparatus may be necessary. Have a rodut of emergency facilities or elements of action (fire blankets, portable first aid kit,...) in accordance with R.D 486/1997 and subsequent modifications.

5.4. ADDITIONAL PROVISIONS

Act in accordance with the Internal Emergency Plan and the Information Sheets on action in the rodud of accidents and other emergencies. Remove any source of ignition. In case of fire, refrigerate containers and storage tanks for products susceptible to inflammation, roducto or BLEVE as a roducto high roductora. Avoid spilling the products used to extinguish the fire into the aquatic environment.

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Sweep up and collect the roducto with shovels or other means and place it in a container for reuse (preferred) or disposal. See sections 8 and 13.

6.2. ENVIRONMENTAL PRECAUTIONS

Product not classified as dangerous for the environment. Under community environmental protection legislation, it is recommended to avoid dumping both the roducto and its packaging into the environment. Prevent it from entering sewers or watercourses.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

It is recommended to sweep and collect the roducto with shovels or other means and place it in a container for reuse (preferred) or disposal.

6.4. REFERENCE TO OTHER SECTIONS

Section 8 contains more detailed advice on personal protective equipment and section 13 on waste disposal.

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

A. General Precautions:

Use in ventilated rodu. Avoid the formation and accumulation of dust.

Comply with current legislation on occupational hazards in terms of manual handling of loads. Maintain order and cleanliness and dispose of by safe methods (section 6).

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

Non-flammable roducto under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that could affect flammable products. Consult section 10 on conditions and materials that must be avoided.

C. Technical recommendations to prevent ergonomic and toxicological risks:

For exposure control see section 8. Do roduct, drink or smoke in work rodu; wash hands after each use and remove contaminated clothing and protective equipment before entering eating rodu.

D. Technical recommendations to prevent environmental risks:

Under community environmental protection legislation, it is recommended to avoid dumping both the roducto and its packaging into the environment. It is recommended to have absorbent material in the vicinity of the roducto.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

A. Technical storage measures:

ITC (R.D. 379/2001): Not relevant

Classification: Not relevant

Minimum roductora: 5°C

Maximum roductora: 35°C

Maximum time: 12 months

B. General storage conditions:

Avoid sources of heat, radiation, static electricity and contact with food. Protect from rodu. Keep the container tightly closed and protected from exposure to air and moisture.

7.3. SPECIFIC END USES

Except for the indications already specified, it is not necessary to make any special recommendations regarding the uses of this roducto.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Substances whose occupational exposure limit values must be controlled in the work environment (INSHT 2015):

Identification	Environmental limit values		
Cement, portland, chemicals CAS: 65997-15-1 CE: 266-043-4	VLA-ED		4 mg/m ³
	VLA-EC		
	Year	2015	

DNEL (Workers):

Not relevant

DNEL (Population):

Not relevant

PNEC:

Not relevant

8.2. EXPOSURE CONTROLS

A. General safety and hygiene measures in the work environment:

As a preventive measure, the use of basic individual protection equipment is recommended, with the corresponding "CE Marking" in accordance with R.D 1407/1992 and subsequent modifications. For more information on personal protective equipment (storage, use, cleaning, maintenance, protection class,...) consult the information brochure provided by the PPE manufacturer. The indications contained in this point refer to the pure product. The protection measures for the diluted product may vary depending on its degree of dilution, use, application method, etc. To determine the obligation to install emergency showers and/or eyewash stations in warehouses, the regulations regarding the storage of chemical products applicable in each case will be taken into account. For more information, see section 7.1 and 7.2.

All information included here is a recommendation, being necessary to concretize on the part of the occupational risk prevention services as they are unaware of the additional prevention measures that the company could have.

B. Respiratory Protection:

PRL Pictogram	PPE	Marking	CEN Standards	Observations
 Mandatory protection of the respiratory tract	Filtering mask for gases, vapors and particles	CE marking CAT III	EN 149 EN 405	Replace when an increase in breathing resistance is noted and/or the odor or taste of the contaminant is detected

C. Specific hand protection:

PRL Pictogram	PPE	Marking	CEN Standards	Observations
 Compulsory hand protection	Chemical protective gloves	CE marking CAT I	EN 374-1 EN 374-3 EN 420	Replace gloves at any sign of deterioration

D. Eye and Face Protection:

PRL Pictogram	PPE	Marking	CEN Standards	Observations
 Mandatory face protection	Panoramic goggles against splashes and/or projections	CE marking CAT II	EN 166 EN 172 EN ISO 4007	Clean daily and disinfect periodically according to manufacturer's instructions

E. Body protection:

PRL Pictogram	PPE	Marking	CEN Standards	Observations
	Work clothes	CE marking CAT I	EN ISO 13688	Exclusive use at work
	Anti-slip work shoes	CE marking CAT II	EN ISO 20347 EN ISO 20344	None

F. Complementary emergency measures:

Emergency measure	Standards	Emergency measure	Standards
 Emergency Shower	ANSI Z358-1 ISO 3864-1	 Eyewash	DIN 12 899 ISO 3864-1

Environmental exposure controls:

It is a product that does not contain substances dangerous for the environment, although it is recommended to avoid its discharge. For additional information, see section 7.1D.

Volatile Organic Compounds:

In application of R.D 117/2003 and subsequent modifications (Directive 2010/75/EU), this product has the following characteristics:

VOC (Supply): 0% weight

VOC concentration at 20°C: 0kg/m³ (or g/L)

Average carbon number: Not relevant

Average molecular weight: Not relevant.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

For complete information, see the Technical Data Sheet/Product Specification Sheet.

Physical appearance:

Physical state at 20°C: Solid

Appearance: Powdery

Colour: Not determined

Characteristic smell

Volatility:

Boiling point at atmospheric pressure: Not relevant*

Vapor pressure at 20°C: Not relevant*

Vapor pressure at 50°C: Not relevant*

Evaporation rate at 20°C: Not relevant*

Product characterization:

Density at 20°C: Not relevant*
Relative density at 20°C: Not relevant*
Dynamic viscosity at 20°C: Not relevant*
Kinematic viscosity at 20°C: Not relevant*
Kinematic viscosity at 40°C: Not relevant*
Concentration: Not relevant*
pH: Not relevant*
Vapor density at 20°C: Not relevant*
Partition coefficient n-octanol/water at 20°C: Not relevant*
Solubility in water at 20°C: Not relevant*
Solubility property: Not relevant*
Decomposition temperature: Not relevant*

Inflammability:

Flash point: Non-flammable (> 60°C)
Autoignition temperature: Not relevant*
Lower flammability limit: Not relevant*
Upper flammability limit: Not relevant*

9.2. ADDITIONAL INFORMATION

Surface tension at 20°C: Not relevant*
Refractive index: Not relevant*

* Not relevant due to the nature of the product, not providing information characteristic of its danger.

10. STABILITY AND REACTIVITY

10.1. REACTIVITY

Dangerous reactions are not expected if the technical instructions for storage of chemicals are followed. See epigraph 7.

10.2. CHEMICAL STABILITY

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

10.3. POSSIBILITY OF DANGEROUS REACTIONS

Under the indicated conditions, dangerous reactions that could produce excessive pressure or temperatures are not expected.

10.4. CONDITIONS TO AVOID

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Heating	Sunlight	Humidity
Not applicable	Protect	Not applicable	Not applicable	Protect

10.5. INCOMPATIBLE MATERIALS

Acids	Water	Oxidizing materials	Combustible materials	Others
Incompatible	Avoid direct incidence	Not applicable	Not applicable	Not applicable

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

See section 10.3, 10.4 and 10.5 to know the decomposition products specifically. Depending on the decomposition conditions, complex mixtures of chemicals can be released as a result of decomposition: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

No experimental data on the product itself regarding toxicological properties are available.

Dangerous effects for health:

In case of repetitive or prolonged exposure or at concentrations higher than those established by the occupational exposure limits, adverse health effects may occur depending on the route of exposure:

A. Ingestion (acute hazard):

Acute toxicity: In view of the available data, the classification criteria are not met, as it does not contain substances classified as dangerous if swallowed. For more information, see section 3.

Corrosivity/Irritability: Ingestion of a large dose may cause throat irritation, abdominal pain, nausea, and vomiting.

B. Inhalation (acute hazard):

Acute toxicity: In view of the available data, the classification criteria are not met, as it does not contain substances classified as dangerous by inhalation. For more information, see section 3.

Corrosivity/Irritability: Causes respiratory tract irritation, usually reversible and usually limited to the upper respiratory tract.

C. Skin and Eye Contact:

Eye contact: Causes significant eye damage upon contact.

Skin contact: Produces skin information.

D. CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

In view of the available data, the classification criteria are not met, as it does not contain substances classified as dangerous due to the effects described. For more information, see section 3.

E. Sensitization Effects:

Respiratory: In view of the available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitizing effects above the limits set out in point 3.2. of Regulation (EC) 2015/830. For more information, see sections 2,3 and 15.

Cutaneous: Prolonged contact with the skin may lead to episodes of allergic contact dermatitis.

F. Specific Target Organ Toxicity (STOT) Single Exposure:

It causes respiratory tract irritation, usually reversible and usually limited to the upper airways.

G. Specific Target Organ Toxicity (STOT) Repeated Exposure:

Specific toxicity in certain organs (STOT) repeated exposure: In view of the available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information, see section 3.

Skin: In view of the available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information, see section 3.

H. Aspiration Hazard:

In view of the available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information, see section 3.

Additional Information:

In contact with wet skin, without adequate protection, it can cause skin thickening, cracking or fissures in the skin.

Substance-specific toxicological information:

Undetermined.

12.1 ECOLOGICAL INFORMATION

No experimental data on the mixture itself regarding ecotoxicological properties are available.

12.1. TOXICITY

Undetermined.

12.2. PERSISTENCE AND DEGRADABILITY

Not available.

12.3. BIOACCUMULATION POTENTIAL

Undetermined.

12.4. MOBILITY IN THE SOIL

Undetermined.

12.5. RESULTS OF THE PBT AND MPMB ASSESSMENT

Not applicable.

12.6. OTHER ADVERSE EFFECTS

Not described.

13. DISPOSAL CONSIDERATIONS

13.1. METHODS FOR WASTE TREATMENT

Code	Description	Type of waste (Regulation (UE) nº 1357/2014)
	It is not possible to assign a specific code, since it depends on the use to which the user intends it	Danger

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

HP4 Irritant Skin irritation and eye damage, HP5 Specific Target Organ Toxicity (STOT) / Aspiration Toxicity, HP13 Sensitizing.

Waste management (elimination and recovery):

Consult the authorized waste manager for recovery and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/CE). In accordance with codes 15 01 (2014/955/UE), in the event that the container has been in direct contact with the product, it will be managed in the same way as the product itself; otherwise it will be managed as non-hazardous waste. Discharging into watercourses is not recommended. See section 6.2.

Legislative provisions related to waste management:

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

Community legislation: Directive 2008/98/CE, 2014/955/UE, Regulation (UE) nº 1357/2014.

14. INFORMATION REGARDING TRANSPORT

This product is not regulated for transport (ADR/RID, IMDG, IATA).

15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS AND LEGISLATION SPECIFIC TO THE SUBSTANCE OR MIXTURE

Candidate substances for authorization in Regulation (EC) 1907/2006 (REACH): Not relevant.

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

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

Active substances which have not been approved in accordance with article 9 of Regulation (EU) No. 528/2012: Not relevant.

Regulation (EC) 649/2012, regarding the export and import of dangerous chemical products: Not relevant.

Restrictions on the marketing and use of certain hazardous substances and mixtures (Annex XVII of the REACH Regulation):

Not relevant

Specific provisions regarding the protection of people or the environment:

It is recommended that the information collected in this safety data sheet be used as input into 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:

December 2008, on the classification, labeling and packaging of substances and mixtures, and by which Directives 67/548/CEE and 1999/45/CE are modified and repealed and Regulation (CE) nº 1907/2006 is modified.

15.2. CHEMICAL SAFETY ASSESSMENT

The supplier has not carried out a chemical safety assessment.

16. OTHER INFORMATION

Legislation applicable to safety data sheets:

This safety data sheet has been developed in accordance with Annex II-Guide for the preparation of Safety Data Sheets of Regulation (EC) No. 1907/2006 (Regulation (EU) No. 453/2010, Regulation (EU) No. 2015/830).

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

Not relevant.

Texts of the legislative phrases referred to in section 2:

H315: Causes skin irritation

H318: Causes serious eye damage.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

Texts of the legislative phrases referred to in section 3:

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

Regulation No. 1272/2008 (CLP):

Eye Dam. 1: H318. Causes serious eye damage.

Skin Irrit. 2: H315. Causes skin irritation.

Skin Sens. 1: H317. May produce an allergic reaction on the skin.

STOT SE 3: H335. It can irritate the respiratory tract.

Classification procedure:

Eye Dam. 1: Calculation method.

Skin Irrit. 2: Calculation method.

Skin Sens. 1: Calculation method.

STOT SE 3: Calculation method.

Advice regarding training:

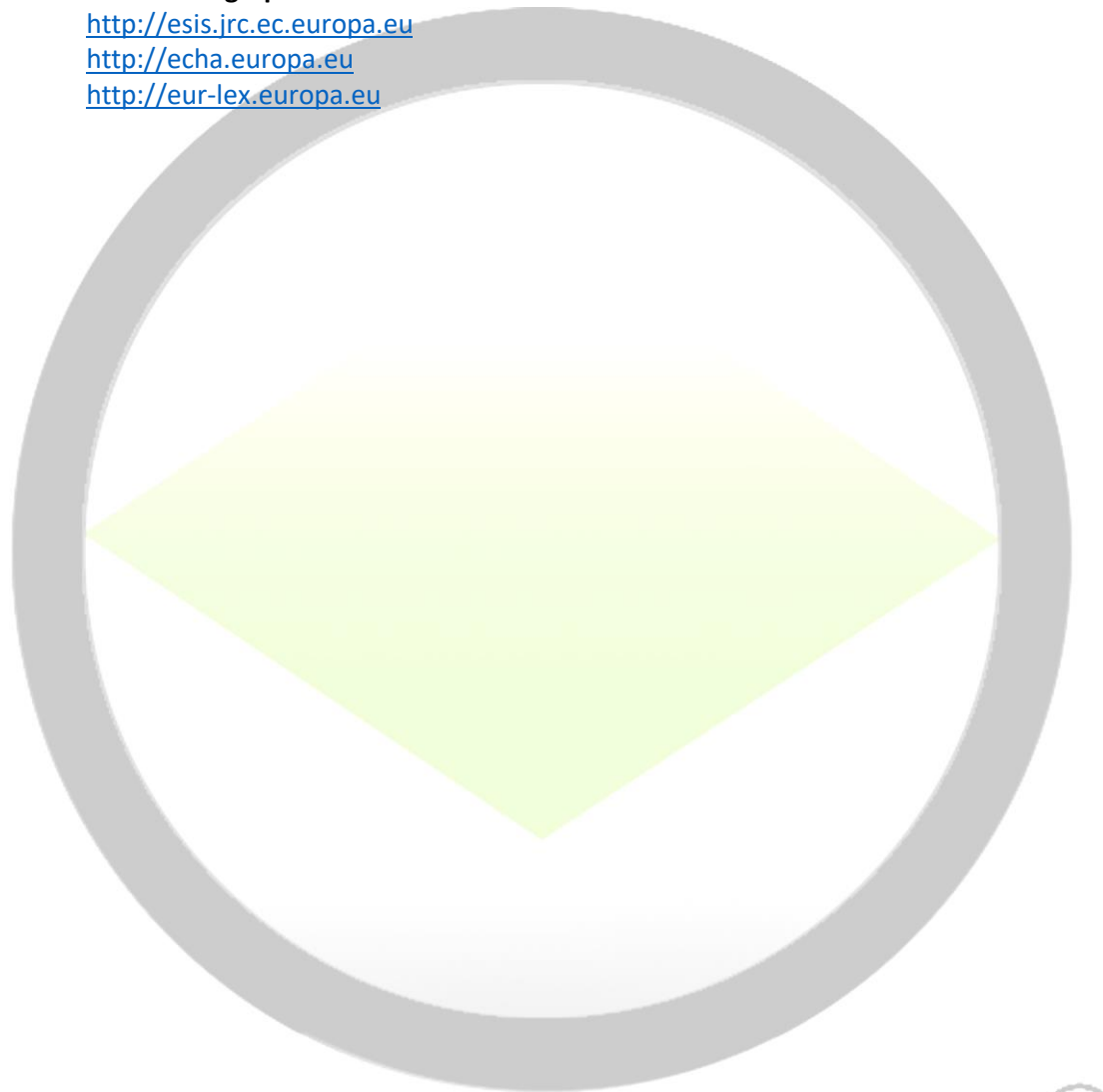
Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in order to facilitate the understanding and interpretation of this safety data sheet, as well as product labeling.

Main bibliographical sources:

<http://esis.jrc.ec.europa.eu>

<http://echa.europa.eu>

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



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