



#### - - Yellow 30



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

1.1 Product identifier: -- Yellow 30

Frits, chemicals (1 %  $\leq$  V2O5 < 3 %,Pb  $\geq$  25 %)

CAS: 65997-18-4
EC: 266-047-6
Index: Non-applicable

REACH: 01-2119548361-42-XXXX

## 1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant uses: Enamel. For professional user/industrial user 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:

CRISTALLERIE DE SAINT PAUL – EMAUX SOYER LE PONT DE SAINT PAUL DE RIBES 87 920 CONDAT SUR VIENNE - FRANCE Phone.: 05 55 39 01 17 - Fax: 05 55 39 01 79

contact@emaux-soyer.com www.emaux-soyer.com

**1.4 Emergency telephone number:** + 44 151 951 3317

#### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture:

## CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Acute Tox. 4: Acute toxicity, Category 4, H302+H332

Aquatic Acute 1: Hazardous to the aquatic environment, acute hazard, Category 1, H400 Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard, Category 1, H410

Carc. 2: Carcinogenicity, Category 2, H351

Repr. 1A: Reproductive toxicity, Category 1A, H360Df

STOT RE 1: Specific target organ toxicity, repeated exposure, Category 1, H372

## 2.2 Label elements:

## CLP Regulation (EC) No 1272/2008:

#### Danger







## **Hazard statements:**

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects

Carc. 2: H351 - Suspected of causing cancer

Repr. 1A: H360Df - May damage the unborn child. Suspected of damaging fertility. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure

## **Precautionary statements:**

P201: Obtain special instructions before use

P260: Do not breathe dust/fume/gas/mist/vapours/spray

P264: Wash thoroughly after handling

P271: Use only outdoors or in a well-ventilated area

P280: Wear protective gloves/protective clothing/eye protection/face protection

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing

P308+P313: IF exposed or concerned: Get medical advice/attention

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

## Additional Labelling (Annex XVII, REACH):

Restricted to professional users



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## SECTION 2: HAZARDS IDENTIFICATION (continued)

#### 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substance:

Chemical description: Inorganic substance

Components:

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

Identification		Chemical name/Classification		
CAS: 65997-18-4 EC: 266-047-6 Index: Non-applicable REACH: 01-2119548361-42- XXXX	Regulation 1272/2008	≤ <b>V205</b> < <b>3 %,Pb</b> ≥ <b>25 %)</b> Acute Tox. 4: H302+H332; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Carc. 2: H351; Repr. 1A: H360Df; STOT RE 1: H372 - Danger	Self-classified  (1)	100 %

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

#### 3.2 Mixture:

Non-applicable

## **SECTION 4: FIRST AID MEASURES**

#### 4.1 Description of first aid measures:

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

#### By inhalation:

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

### By skin contact:

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

## By eye contact:

This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

## By ingestion/aspiration:

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

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

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

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

Non-applicable

## SECTION 5: FIREFIGHTING MEASURES

## 5.1 Extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use full jet water as an extinguishing agent.

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



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## SECTION 5: FIREFIGHTING MEASURES (continued)

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

#### 5.3 Advice for firefighters:

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

#### **Additional provisions:**

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

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

## 6.1 Personal precautions, protective equipment and emergency procedures:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

#### 6.2 Environmental precautions:

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

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

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

#### 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

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations to prevent ergonomic and toxicological risks

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in designated areas that comply with the necessary safety 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 small amounts only. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal See sections 8 and 13.

## 7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

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

#### 7.3 Specific end use(s):

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



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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 **Control parameters:**

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

Identification	Environmental limits	
Frits, chemicals (1 % ≤ V2O5 < 3 %,Pb ≥ 25 %)	IOELV (8h)	0.15 mg/m <sup>3</sup>
CAS: 65997-18-4	IOELV (STEL)	

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

## **DNEL (Workers):**

		Short exposure		Long e	Long exposure	
Identification		Systemic	Local	Systemic	Local	
Frits, chemicals (1 % ≤ V2O5 < 3 %,Pb ≥ 25 %)	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 65997-18-4	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
EC: 266-047-6	Inhalation	Non-applicable	Non-applicable	0,004 mg/m <sup>3</sup>	Non-applicable	

## **DNEL (General population):**

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Frits, chemicals (1 % ≤ V2O5 < 3 %,Pb ≥ 25 %)	Oral	Non-applicable	Non-applicable	0,001 mg/kg	Non-applicable
CAS: 65997-18-4	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 266-047-6	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable

## PNEC:

Identification				
Frits, chemicals (1 % ≤ V2O5 < 3 %,Pb ≥ 25 %)	STP	0,1 mg/L	Fresh water	0,0065 mg/L
CAS: 65997-18-4	Soil	147 mg/kg	Marine water	0,0034 mg/L
EC: 266-047-6	Intermittent	Non-applicable	Sediment (Fresh water)	174 mg/kg
	Oral	10,9 g/kg	Sediment (Marine water)	164 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 occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1.

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

## B.- Respiratory protection

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

## C.- Specific protection for the hands

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

D.- Ocular and facial protection

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According to 1907/2006/EC (REACH), 2015/830/EU







## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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

#### E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory complete body protection	Disposable clothing for protection against chemical risks	CAT III	EN 13034:2005+A1:2009 EN 168:2001 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 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	CAT III	EN ISO 20345:2011 EN 13832-1:2019	Replace boots at any sign of deterioration.

## F.- Additional emergency measures

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

## **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

## 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: Solid

Appearance: Powdery

Colour: Not available

Odour: Not available

Odour threshold: Non-applicable \*

## Volatility:

Boiling point at atmospheric pressure:

Vapour pressure at 20 °C:

Vapour pressure at 50 °C:

Non-applicable \*

Non-applicable \*

Evaporation rate at 20 °C:

Non-applicable \*

## **Product description:**

Density at 20 °C: 2620 kg/m³

Relative density at 20 °C: 2,62

Dynamic viscosity at 20 °C: Non-applicable \*

Kinematic viscosity at 20 °C: Non-applicable \*

Kinematic viscosity at 40 °C: Non-applicable \*

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 (continued)

pH: Non-applicable \* Vapour density at 20 °C: Non-applicable \* Non-applicable \* Partition coefficient n-octanol/water 20 °C: Solubility in water at 20 °C: Non-applicable \* Solubility properties: Non-applicable \* Decomposition temperature: Non-applicable \* Melting point/freezing point: 1028 °C Explosive properties: Non-applicable \* Oxidising properties: Non-applicable \*

Flammability:

Flash Point:

Flammability (solid, gas):

Autoignition temperature:

Lower flammability limit:

Upper flammability limit:

Non-applicable \*

Non-applicable \*

Non-applicable \*

**Explosive:** 

Lower explosive limit:

Upper explosive limit:

Non-applicable \*

Non-applicable \*

9.2 Other information:

Surface tension at 20 °C:

Refraction index:

Non-applicable \*

Non-applicable \*

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

## SECTION 10: STABILITY AND REACTIVITY

## 10.1 Reactivity:

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

#### 10.2 Chemical stability:

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

## 10.3 Possibility of hazardous reactions:

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

## 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

#### 10.5 Incompatible materials:

Avoid strong acids	Not applicable	Not applicable	Not applicable	Avoid alkalis or strong bases
Acids	Water	Oxidising materials	Combustible materials	Others

## 10.6 Hazardous decomposition products:

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

## SECTION 11: TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects:

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

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According to 1907/2006/EC (REACH), 2015/830/EU

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## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

## **Dangerous health implications:**

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

- A- Ingestion (acute effect):
  - Acute toxicity: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
  - Acute toxicity: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- C- Contact with the skin and the eves (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.
  - Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Exposure to this product can cause cancer. For more specific information on the possible health effects see section 2.

IARC: Non-applicable

- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: May damage the unborn child. Suspected of damaging fertility.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
  - Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:

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

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Serious health effects in the case of prolonged consumption, including death, serious functional disorders or morphological changes of toxicological importance.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- H- Aspiration hazard:

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

#### Other information:

Non-applicable

#### Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Frits, chemicals (1 % $\leq$ V2O5 $<$ 3 %,Pb $\geq$ 25 %)	LD50 oral	500 mg/kg (ATEi)	
CAS: 65997-18-4	LD50 dermal	Non-applicable	
EC: 266-047-6	LC50 inhalation	1,5 mg/L (4 h) (ATEi)	

## **SECTION 12: ECOLOGICAL INFORMATION**

## 12.1 Toxicity:



According to 1907/2006/EC (REACH), 2015/830/EU

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## SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Species	Genus
Frits, chemicals (1 % ≤ V2O5 < 3 %,Pb ≥ 25 %)	LC50	0.1 - 1 mg/L (96 h)		Fish
CAS: 65997-18-4	EC50	0.1 - 1 mg/L		Crustacean
EC: 266-047-6	EC50	0.1 - 1 mg/L		Algae

#### 12.2 Persistence and degradability:

Not available

#### 12.3 Bioaccumulative potential:

Not available

#### 12.4 Mobility in soil:

Not available

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

Product fails to meet PBT/vPvB criteria

#### 12.6 Other adverse effects:

Not described

## SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

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

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

HP14 Ecotoxic, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP7 Carcinogenic, HP10 Toxic for reproduction

#### Waste management (disposal and evaluation):

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

## Regulations related to waste management:

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

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

## **SECTION 14: TRANSPORT INFORMATION**

## Transport of dangerous goods by land:

With regard to ADR 2019 and RID 2019:





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## SECTION 14: TRANSPORT INFORMATION (continued)



UN3077 14.1 UN number:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Frits, 14.2 UN proper shipping name:

chemicals (1 %  $\leq$  V2O5 < 3 %,Pb  $\geq$  25 %))

14.3 Transport hazard class(es):

Labels:

14.4 Packing group: Ш 14.5 Environmental hazards: Yes

14.6 Special precautions for user

Special regulations: 274, 335, 375, 601 Tunnel restriction code: Non-applicable Physico-Chemical properties: see section 9

Limited quantities:

14.7 Transport in bulk according

to Annex II of Marpol and the

Non-applicable

**IBC Code:** 

## Transport of dangerous goods by sea:

With regard to IMDG 39-18:

UN3077 14.1 UN number:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Frits, 14.2 UN proper shipping name:

chemicals (1 %  $\leq$  V2O5 < 3 %,Pb  $\geq$  25 %))

14.3 Transport hazard class(es):

9 Lahels:

III 14.4 Packing group:

14.5 Environmental hazards:

14.6 Special precautions for user

Special regulations: 335, 966, 274, 967, 969

EmS Codes: F-A, S-F Physico-Chemical properties: see section 9

Limited quantities: 5 ka

Segregation group: Non-applicable

14.7 Transport in bulk according Non-applicable

to Annex II of Marpol and the

**IBC Code:** 

## Transport of dangerous goods by air:

With regard to IATA/ICAO 2020:



UN3077 14.1 UN number:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Frits, 14.2 UN proper shipping name:

chemicals (1 %  $\leq$  V2O5 < 3 %,Pb  $\geq$  25 %))

14.3 Transport hazard class(es):

9 Labels:

14.4 Packing group: III14.5 Environmental hazards: Yes

14.6 Special precautions for user

Physico-Chemical properties: see section 9

TRC Code:

#### 14.7 Transport in bulk according Non-applicable to Annex II of Marpol and the

## SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

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According to 1907/2006/EC (REACH), 2015/830/EU

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## SECTION 15: REGULATORY INFORMATION (continued)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

#### Seveso III:

Si	ection Description	Lower-tier requirements	Upper-tier requirements	
	E1		100	200

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

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 2004/37/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 a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

#### Other legislation:

The product could be affected by sectorial legislation

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

#### SECTION 16: OTHER INFORMATION

## Legislation related to safety data sheets:

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

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

Non-applicable

#### Texts of the legislative phrases mentioned in section 2:

H302+H332: Harmful if swallowed or if inhaled

H351: Suspected of causing cancer

H372: Causes damage to organs through prolonged or repeated exposure

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

H360Df: May damage the unborn child. Suspected of damaging fertility.

## Texts of the legislative phrases mentioned in section 3:

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

## CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled

Aquatic Acute 1: H400 - Very toxic to aquatic life

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects

Carc. 2: H351 - Suspected of causing cancer

Repr. 1A: H360Df - May damage the unborn child. Suspected of damaging fertility.

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure

## Advice related to training:

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

## Principal bibliographical sources:

http://echa.europa.eu

http://eur-lex.europa.eu

Abbreviations and acronyms:



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## SECTION 16: OTHER INFORMATION (continued)

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand BCF: Bioconcentration factor

LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient Koc: Partition coefficient of organic carbon

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

- END OF SAFETY DATA SHEET 
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