SECTION 1: IDENTIFICATION

# 1.1 **GHS Product identifier:** PROFESSIONAL RESINS LLC EPOXYTABLE FIVE PART A Other means of identification: Non-applicable 1.2 Recommended use of the chemical and restrictions on use: Relevant uses: Resin for the treatment of natural stone. For industrial user only. Uses advised against: All uses not specified in this section or in section 7.3 1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: PROFESSIONAL RESINS LLC Box 135, 1115 N. Charles Seivers Blvd - STE #17 37716 Clinton TN Phone.:865 269 8895 info@resin-pro.com http://www.resin-pro.com CHEMTREC US Domestic 1-800-424-9300 1.4 Emergency phone number: CHEMTREC International 1-703-527-3887 24 hr SECTION 2: HAZARD(S) IDENTIFICATION 2.1 Classification of the substance or mixture: NFPA: Health Hazards: 2 Flammability Hazards: 0 Instability Hazards: 0 Special Hazards: Non-applicable 29 CFR 1910.1200: Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200. Eye Irrit. 2A: Eye irritation, Category 2A, H319 Skin Irrit. 2: Skin irritation, Category 2, H315 Skin Sens. 1: Sensitisation, skin, Category 1, H317 2.2 Label elements: NFPA: 29 CFR 1910.1200: Warning Hazard statements: Eye Irrit. 2A: H319 - Causes serious eye irritation. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. **Precautionary statements:** P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash thoroughly after use. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P501: Dispose of contents and / or containers in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

# SECTION 2: HAZARD(S) IDENTIFICATION (continued)

### Substances that contribute to the classification

Bis-[4-(2,3-epoxipropoxi)phenyl]propane (CAS: 1675-54-3); p-tert-butylphenyl 1-(2,3-epoxy)propyl ether (CAS: 3101-60-8)

## Hazards not otherwise classified (HNOC):

Non-applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances:

2.3

Non-applicable

#### 3.2 Mixtures:

#### Chemical description: Epoxic resin

## **Components**:

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

	Identification	Chemical name/Classification	
CAS:	1675-54-3	Bis-[4-(2,3-epoxipropoxi)phenyl]propane	50 - <75 %
		Eye Irrit. 2A: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	
CAS:	3101-60-8	p-tert-butylphenyl 1-(2,3-epoxy)propyl ether Skin Sens. 1: H317 - Warning	25 - <50 %
To ob	tain more informati	on on the hazards of the substances consult sections 11, 12 and 16.	

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

#### 4.1 **Description of necessary 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:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist. 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 eves thoroughly with lukewarm 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 SDS of the product.

#### By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. 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/effects, acute and delayed:

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

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary:

Non-applicable

## **SECTION 5: FIRE-FIGHTING MEASURES**

#### 5.1 Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

# SECTION 5: FIRE-FIGHTING MEASURES (continued)

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.

## Unsuitable extinguishing media:

Non-applicable

## 5.2 Specific hazards arising from the chemical:

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 Special protective equipment and precautions for fire-fighters:

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,...)

# Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. 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. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

# 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

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

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 standards 29 CFR 1910 Occupational Safety and Health Standards. 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

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

4	Technical measures for storage		
	Minimum Temp.:	59 ºF	
	Maximum Temp.:	95 ºF	
	Maximum time:	12 Months	

B.- General conditions for storage

A

## SECTION 7: HANDLING AND STORAGE (continued)

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.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters:

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

There are no occupational exposure limits for the substances contained in the product

## 8.2 Appropriate engineering controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- Respiratory protection

Pictogram	PPE	Remarks
Mandatory respiratory tract protection	Filter mask for gases and vapours	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29CFR)

C.- Specific protection for the hands

Pictogram	PPE	Remarks
Mandatory hand protection	Protective gloves against minor risks	Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional /industrial users, we recommend using chemical protection gloves. Use gloves in accordance with manufacturer's use limitations and OSHA standard 1910.138 (29CFR)

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Ocular and facial protection

Pictogram	PPE	Remarks
Mandatory face protection	Panoramic glasses against splash/projections.	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR)

E.- Bodily protection

	Work clothing	Replace before any evidence of deterioration.
	Anti-slip work shoes	Replace before any evidence of deterioration.
dditional emergency m		

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

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 **National volatile organic compound emission standards (40 CFR Part 59):** 

Vo.C. (Subport C. Concurrent)

V.O.C. (Subpart C - Consumer):	0 % weight
V.O.C. (Coatings) at 77 <sup>o</sup> F:	0 kg/m <sup>3</sup> (0 g/L)

# 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 68 ºF:	Liquid
	Appearance:	Transparent
	Color:	Colorless
	Odor:	Characteristic
	Odour threshold:	Non-applicable *
	Volatility:	
	Boiling point at atmospheric pressure:	554 ºF
	Vapour pressure at 77 ºF:	5.862E-2 Pa
	Vapour pressure at 122 ºF:	1.16 Pa (0 kPa)
	Evaporation rate at 77 ºF:	Non-applicable *
	Product description:	
	Density at 77 ºF:	1111 kg/m <sup>3</sup>
	Relative density at 77 ºF:	1.111
	Dynamic viscosity at 77 <sup>o</sup> F:	Non-applicable *
	Kinematic viscosity at 77 ºF:	Non-applicable *
	Kinematic viscosity at 104 ºF:	Non-applicable *
	Concentration:	Non-applicable *
	pH:	Non-applicable *
	Vapour density at 77 ºF:	Non-applicable *
	Partition coefficient n-octanol/water 77 ºF:	Non-applicable *
	Solubility in water at 77 ºF:	
	Solubility properties:	Non-applicable *
	Decomposition temperature:	Non-applicable *
	Melting point/freezing point:	Non-applicable *
	Explosive properties:	Non-applicable *
	Oxidising properties:	Non-applicable *
	Flammability:	
	Flash Point:	Non Flammable (>199.4 °F)
	Heat of combustion:	Non-applicable *
	*Not relevant due to the nature of the product, not providing information	n property of its hazards.

SECT	SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)		
	Flammability (solid, gas):	Non-applicable *	
	Autoignition temperature:	Non-applicable *	
	Lower flammability limit:	Non-applicable *	
	Upper flammability limit:	Non-applicable *	
	Explosive:		
	Lower explosive limit:	Non-applicable *	
	Upper explosive limit:	Non-applicable *	
9.2	Other information:		
	Surface tension at 77 ºF:	Non-applicable *	
	Refraction index:	Non-applicable *	
	*Not relevant due to the nature of the product, not providing information	n 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:

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

## 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

#### 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 (acute effect):

- Acute toxicity : 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.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
  - 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 eyes (acute effect):

## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
  - IARC: Bis-[4-(2,3-epoxipropoxi)phenyl]propane (3)
  - 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: 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.
- 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: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- 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: 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.
  - 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:

Not available

## SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity (aquatic and terrestrial, where available):

## Product-specific aquatic toxicity:

Acute toxicity		Species	Genus			
LC50	2.49 mg/L (96 h)	Non-applicable	Fish			
EC50	2.3 mg/L (48 h)	Non-applicable	Crustacean			
EC50	9.29 mg/L (72 h)	Non-applicable	Algae			
Substance-specific aquatic toxicity:						

Identification	Acute toxicity		Species	Genus
Bis-[4-(2,3-epoxipropoxi)phenyl]propane	LC50	2 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 1675-54-3		1.7 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	9.4 mg/L (72 h)	Scenedesmus subspicatus	Algae
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	LC50	7.5 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 3101-60-8	EC50	68 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	9 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae

#### 12.2 Persistence and degradability:

Identification	Degradability		Biodegradability	
Bis-[4-(2,3-epoxipropoxi)phenyl]propane	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 1675-54-3	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	5 %

#### Safety data sheet according to 29 CFR 1910.1200

# PROFESSIONAL RESINS LLC EPOXYTABLE FIVE PART A

SECTION 12: ECOLOGICAL INFORMATION (continued)						
	Identification	Degradability		Biodegradability		
	p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	BOD5	Non-applicable	Concentration	5 mg/L	
	CAS: 3101-60-8	COD	Non-applicable	Period	28 days	
		BOD5/COD	Non-applicable	% Biodegradable	1.1 %	
12.3	Bioaccumulative potential:					
	Identification			Bioaccumulation potential		
	Bis-[4-(2,3-epoxipropoxi)phenyl]propane			BCF	31	
	CAS: 1675-54-3			Pow Log	3	
					Moderate	

## 12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Bis-[4-(2,3-epoxipropoxi)phenyl]propane	Кос	450	Henry	Non-applicable
CAS: 1675-54-3	Conclusion	Low	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	Кос	755	Henry	Non-applicable
CAS: 3101-60-8	Conclusion	Low	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable

# 12.5 Results of PBT and vPvB assessment:

Non-applicable

## 12.6 Other adverse effects:

Not described

# SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Disposal methods:

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

Consult the authorized waste service manager on the assessment and disposal operations. 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 epigraph 6.2.

# Regulations related to waste management:

Legislation related to waste management:

40 CFR Part 261- IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

## **SECTION 14: TRANSPORT INFORMATION**

#### USDOT/PHMSA - for transportation within the U.S.:

Not a marine pollutant per 49 CFR 171.8 of the Hazardous Materials Regulations - Not a hazardous materials per the Hazardous Materials Regulations

SECTION 14: TRANSPORT INFORMATION (continued)

IMO - for international transportation by vessel:



14.1 UN number:

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Labels/marks to display on package:

14.4 Packing group, if applicable:

14.5 Marine pollutant:

## UN3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (p-tertbutylphenyl 1-(2,3-epoxy)propyl ether; Bis-[4-(2,3epoxipropoxi)phenyl]propane)

9 Miscellaneous Class 9 Miscellaneous hazard label and Marine Pollutant mark III

Yes

IATA/ICAO - for transportation by aircraft:



14.1 UN number:14.2 UN proper shipping name:

**14.3 Transport hazard class(es):** Labels/marks to display on package:

14.4 Packing group, if applicable:

14.5 Marine pollutant:

UN3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (p-tertbutylphenyl 1-(2,3-epoxy)propyl ether; Bis-[4-(2,3epoxipropoxi)phenyl]propane) 9 Miscellaneous Class 9 Miscellaneous hazard label and Enviromentally Hazardous Substance mark.

III

Yes. Aka: Enviromentally hazardous substance - Acquatic Enviroment

# SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question:

# SECTION 15: REGULATORY INFORMATION (continued)

SARA Title III - Toxic Chemical Release Inventory Reporting (Section 313): Non-applicable California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986): Non-applicable The Toxic Substances Control Act (TSCA) : Bis-[4-(2,3-epoxipropoxi)phenyl]propane ; p-tert-butylphenyl 1-(2,3-epoxy)propyl ether Massachusetts RTK - Substance List: Non-applicable New Jersey Worker and Community Right-to-Know Act: Non-applicable New York RTK - Substance list: Bis-[4-(2,3-epoxipropoxi)phenyl]propane Pennsylvania Worker and Community Right-to-Know Law: Non-applicable CANADA-Domestic Substances List (DSL): Bis-[4-(2,3-epoxipropoxi)phenyl]propane ; p-tert-butylphenyl 1-(2,3-epoxy)propyl ether CANADA-Non-Domestic Substances List (NDSL): Non-applicable NTP (National Toxicology Program): Non-applicable Minnesota - Hazardous substances RTK: Non-applicable Rhode Island - Hazardous substances RTK: Non-applicable OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Non-applicable Hazardous Air Pollutants (Clean Air Act): Non-applicable Hazardous substances release notification under CERCLA sections 102-103 (40 CFR Part 302): Non-applicable

## 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:

Take into consideration other applicable federal, state, and local laws and local regulations.

# **SECTION 16: OTHER INFORMATION**

#### Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

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

H317: May cause an allergic skin reaction.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

## 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

#### 29 CFR 1910.1200:

Eye Irrit. 2A: H319 - Causes serious eye irritation.

Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction.

#### 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:

Occupational Safety & Health Administration (OSHA).

#### Abbreviations and acronyms:

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

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