

1 Identification of the substance / mixture and of the company / enterprise

1.1 Product identifier

Product Code: ART. 1010

Trade Name: IPER RESINA

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

Description/Usage: ALIPHATIC FINISH FOR FLOORS

SU: 19. PROC: 10, 7. PC: 9a.

1.3 Details of the supplier of the safety data sheet

Supplier: Giorgio Graesan & Friends s.a.s. Di Shila Graesan

Address: Via Bergamo n. 24

Place and country: 20037 - Paderno Dugnano MI (IT)

Phone: + 39 02 99039560

Fax: + 39 02 99039590

Email of the person responsible: tecnico@giorgiograesan.it

1.4 Emergency telephone number

For urgent inquiries refer to + 39 02 99039541 -
monday to friday 8.30-12.30 / 14.00-18.00

2 Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as hazardous as per Directive (EC) 1272/2008 (CLP) (and subsequent amendments).

However, since the product contains dangerous substances in such concentrations that have to be declared under section 3, it requires a safety data sheet with appropriate information, in accordance with Directive (EC)1907/2006 and subsequent amendments..

2.2 Classification and hazard indications

2.3 Label elements

Danger label in accordance with Directive (EC) 1272/2008 (CLP) and subsequent amendments.

Hazard pictograms: ---

Warnings: ---

2.4 Hazard statements

EUH210: The safety data sheet is available upon request.

2.5 Safety advice

2.6 Other hazards

Based on available data, the product does not contain any PBT or vPvB in percentage higher than 0.1%.

3 Composition / information on ingredients

3.1 Substances: Non relevant information.

3.2 Mixtures x: conc.% Classification 1272/2008 (CLP)

DIPROPILEN GLICOL MONOMETILETERE

CAS 34590-94-8 $7 \leq x < 8$ Substance with a community workplace exposure limit.

CE 252-104-2 INDEX: -

Nr. Reg. 01-2119450011-60-XXXX

References: The full text for all hazard statements is given in section 16.

4 First aid measures

4.1 Description of first aid measures

Not specifically necessary. In any case, it is recommended the observance of good industrial hygiene.

4.2 Most important symptoms and effects, both acute and delayed

No known specific information on symptoms and effects caused by the product.

4.3 Indication of any immediate medical attention and special treatment needed

Information not available.

5 Firefighting measures

5.1 Extinguishing media

SUITABLE EXTINGUISHING MEDIA: The extinguishing media are: carbon dioxide, foam, chemical powder. For leaks and spillages of the product that have not been

ignited, nebulized water can be used to disperse the flammable vapors and protect the people involved in stopping the leak.

NOT SUITABLE EXTINGUISHING MEDIA: Do not use water jets. Water is not effective in extinguishing the fire, however it can be used to cool the containers, closed and exposed to the fire, to prevent bursts and explosions.

5.2 Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE: Overpressure may occur in containers exposed to fire with danger of explosion. Do not breathe combustion products.

5.3 Advice for firefighters

GENERAL INFORMATION: cool the containers by spraying with water to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention equipment. Collect extinguishing water to prevent the product to percolate in drains. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

EQUIPMENT: normal clothes to fight the fire, as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame-resistant gloves (EN 659) and Firefighter boots (HO A29 or A30).

6 Accidental release measures

6.1 Personal Protection, protective equipment and emergency procedures

Block the loss if there is no danger. Wear suitable safety equipment (including individual safety equipment listed in Section 8 of the Material Safety Data Sheet) to prevent skin, eye and personal clothing contamination. These guidelines apply to both clerks and those who work for the emergency interventions.

6.2 Environmental precautions:

Do not allow the product to percolate in drains, watercourses, or open water.

6.3 Methods and materials for containment and cleaning up:

Aspirate the spilled product into a suitable container. If the product is flammable, use explosion-proof equipment. Assess the compatibility of the container to be used with the product, checking section 10. Absorb remaining material with inert absorbent material. Ensure sufficient ventilation of the affected area. Check section 7 for any incompatibilities with the material of the containers. The disposal of contaminated material must be made in accordance with section 13.

6.4 Reference to other sections:

Any information on personal protection and disposal is given in sections 8 and 13.

7 Handling and storage

7.1 Precautions for safe handling

Handle the product after consulting all other sections in this security sheet. Avoid dispersal of the product in the environment. Do not eat, drink or smoke while handling it. Remove contaminated clothing and protective equipment before entering the areas where you eat.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in clearly labeled containers. Keep containers closed, in a well-ventilated place, away from direct sunlight. Store containers away from any incompatible materials, checking section 10.

7.3 Specific end use(s):

Information not available.

8 Exposure controls / personal protection

8.1 Control parameters

Normative References:

BGR	Bulgaria	Ministry of Labor and Social Policy Ministry of Health Ordinance No 13 of 30, December 2003
CZE	Česká Republika	Nařízení vlády č. 361/2007 Sb. kterým se stanoví podmínky ochrany zdraví při práci
DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2015
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GBR	United Kingdom	EH40/2005 Workplace exposure limits
GRC	Greece	Εfimeris Tis Kyverniseos-Teuchos Proto Ar. Fyllou 19 - 09/02/2012

HRV	Hrvatska	NN13/09 - Ministarstvo gospodarstva, rada i poduzetnistva
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
NLD	Nederland	Databank of the social and Economic Council of Netherlands (SER) Values, AF 2011:18
POL	Polaska	ROZPORZDZENIE MINISTRA PRACY I POLITYKI SPOLECZNEJ z dnia 16 grudnia 2011r
PRT	Portugal	Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos no trabalho - Diário da Republica I 26; 2012-02-06
SVK	Slovensko	NARIADENIE VLDY Slovenskej republiky z 20. júna 2007
SVN	Slovenija	Uradni list Republike Slovenije z 20. 6. 2007
TUR	Türkiye	2000/39/EC sayılı Direktifin ekidir
EU	OEL EU	Direttiva (UE) 2017/164; Direttiva 2009/161/UE; Direttiva 2006/15/CE; Direttiva 2004/37/CE; Direttiva 2000/39/CE; Direttiva 91/322/CEE.
	TLV-ACGIH	ACGIH 2016

DIPROPYLENE GLYCOL MONOMETHYLETHER

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		
		mg/m ³	ppm	mg/m ³	ppm	
TLV	BGR	308				SKIN
TLV	CZE	270		550		SKIN
AGW	DEU	310	50	310	50	
MAK	DEU	310	50	310	50	
VLA	ESP	308	50			SKIN
VLEP	FRA	308	50			SKIN
WEL	GBR	308	50			SKIN
TLV	GRC	600	100	900	150	
VLEP	ITA	308	50			SKIN
NDS	POL	240		480		
VLE	PRT	308	50			SKIN
NPHV	SVK	308	50			SKIN
MV	SVN	308	50			SKIN
ESD	TUR	308	50			SKIN
OEL	EU	308	50			SKIN
TLV-ACGIH		606	100	909	150	SKIN

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water	19	mg/l
Reference value in seawater	1.9	mg/l
Reference value for sediment in fresh water	70.2	mg/kg/d
Reference value for sediment in seawater	7.02	mg/kg/d
Reference value for water, intermittent release	190	mg/l
Reference value for STP microorganisms	4168	mg/l
Reference value for the terrestrial compartment	2.74	mg/kg/d

Health - Derived No Effect Level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects of workers			
	Locals acute	Systemic acute	Locals chronic	Systemic chronic	Locals acute	Systemic acute	Locals chron.	Systemic chronic
Inhalation	mg/m ³			37.2				308
Oral	mg/kg bw/d			36				
Dermal	mg/kg bw/d			121				283

2-(2-BUTOXYETHOXY) ETHANOL

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		
		mg/m ³	ppm	mg/m ³	ppm	
AGW	DEU	67	10	100.5	15	
MAK	DEU	67	10	100.5	15	
VLA	ESP	67.5	10	101.2	15	
TLV	GRC	67.5	10	101.2	15	
VLEP	ITA	67.5	10	101.2	15	
OEL	NLD	50		100		SKIN
NDS	POL	67		100		
VLE	PRT	67.5	50	101.2	15	
NPHV	SVK	67.5	10	101.2		
MV	SVN	67.5	10			
OEL	EU	67.5	10	101.2	15	
TLV-ACGIH		66	10			

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water	1,1	mg/l
Reference value in seawater	0,11	mg/l
Reference value in fresh water	4.4	mg/kg
Reference value for sediment in seawater	0.44	mg/kg
Reference value for water, intermittent release	200	mg/l
Valore di riferimento per i microorganismi STP	56	mg/l
Reference value for the terrestrial compartment	0.4	mg/kg
Reference value for the atmosphere	VND	

Health - Derived No Effect Level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects of workers			
	Locals acute	Systemic acute	Locals chronic	Systemic chronic	Locals acute	Systemic acute	Locals chron.	Systemic chronic
Inhalation	60.7 mg/m ³	VND	40.5 mg/m ³	VND	101.2 mg/m ³	VND	67.5	67.5
Oral	mg/kg/d	VND	VND	5	VND	VND	VND	VND
Dermal	mg/kg/d	VND	VND	50	VND	VND	VND	50

2-BUTOXYETHANOL

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		
		mg/m ³	ppm	mg/m ³	ppm	
TLV	BGR	98		246		SKIN
TLV	CZE	100		200		SKIN
AGW	DEU	49	10	196	40	SKIN
MAK	DEU	49	10	98	20	SKIN
VLA	ESP	98	20	245	50	SKIN
VLEP	FRA	49	10	246	50	SKIN
WEL	GBR	123	25	246	50	SKIN
TLV	GRC	120	25			
GVI	HRV	98	20	246	50	SKIN
VLEP	ITA	98	20	246	50	SKIN
OEL	NLD	100		246		SKIN
NDS	POL	98		200		
VLE	PRT	98	20	246	50	SKIN
NPHV	SVK	98	20	246		SKIN
MV	SVN	98	20			SKIN
ESD	TUR	98	20	246	50	SKIN
OEL	EU	98	20	246	50	SKIN
TLV-ACGIH		97	20			

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water	8,8	mg/l
Reference value in seawater	0,88	mg/l
Reference value for sediment in fresh water	34,6	mg/kg
Reference value for sediment in seawater	3,46	mg/kg
Reference value for water, intermittent release	9,1	mg/l
Reference value for STP microorganisms	463	mg/l
Reference value for the food chain (secondary poisoning)	20	mg/kg

Health - Derived No Effect Level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects of workers			
	Locals acute	Systemic Acute	Locals chronic	Systemic chronic	Locals acute	Systemic acute	Locals chron.	Systemic chronic
Inhalation	426	147	mg/m ³	59			1.091	98mg/kg
Oral		26.7	mg/kg/d	6.3				
Dermal		89	mg/kg/d	75			89	125

PROPILENGLICOL

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		
		mg/m ³	ppm	mg/m ³	ppm	
WEL	GBR	474	150			

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water	260	mg/l
Reference value in seawater	26	mg/l
Reference value for sediment in fresh water	572	mg/kg
Reference value for sediment in seawater	57,2	mg/kg
Reference value for water, intermittent release	183	mg/l
Reference value for STP microorganisms	20000	mg/l
Reference value for the terrestrial compartment	50	mg/kg

Health - Derived No Effect Level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects of workers			
	Locals acute	Systemic acute	Locals chronic	Systemic chronic	Locals acute	Systemic acute	Locals chron.	Systemic chronic
Inhalation		mg/m ³	VND	50		mg/m ³	10	168
Oral		mg/kg	bw/d	85				
Dermal		mg/kg	bw/d	213				

AMMONIA

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min	
		mg/m ³	ppm	mg/m ³	ppm
TLV-ACGIH		17	25	24	35

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water 0,0011 mg/l
Reference value in seawater 0,011 mg/l

Health - Derived No Effect Level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects of workers			
	Locals acute	Systemic acute	Locals chronic	Systemic chronic	Locals acute	Systemic acute	Locals chron.	Systemic chronic
Inhalation			mg/m ³			36		14
Dermal			mg/kg/d			6.8		

ETHANOL

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		
		mg/m ³	ppm	mg/m ³	ppm	
TLV	BGR	1000				
TLV	CZE	1000		3000		
AGW	DEU	960	500	1920	1000	
MAK	DEU	960	500	1920	1000	
VLA	ESP			1910	1000	
VLEP	FRA	1900	1000	9500	5000	
WEL	GBR	1920	1000			
TLV	GRC	1900	1000			
GVI	HRV	1900	1000			
OEL	NLD	260		1900		SKIN
NDS	POL	1900				
NPHV	SVK	960	500	1920		
TLV-ACGIH				1884	1000	

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water 0.96 mg/l
Reference value in seawater 0.72 mg/l
Reference value for sediment in fresh water 3.6 mg/kg
Reference value for sediment in seawater 2.9 mg/kg
Reference value for STP microorganisms 580 mg/l
Reference value for the food chain (secondary poisoning) 0.72 mg/kg
Reference value for the terrestrial compartment 0.63 mg/kg

Health - Derived No Effect Level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects of workers			
	Locals acute	Systemic acute	Locals chronic	Systemic chronic	Locals acute	Systemic acute	Locals chron.	Systemic chronic
Inhalation			mg/m ³		1900	VND	VND	950
Dermal			mg/kg				VND	343

2-DIMETHYLAMINOETHANOL

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min	
		mg/m ³	ppm	mg/m ³	ppm
WEL	GBR	7.4	2	22	6

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water 0.0661 mg/l
Reference value in seawater 0.00661 mg/l
Reference value for sediment in fresh water 0.0529 mg/kg
Reference value for sediment in seawater NEA mg/kg
Reference value for water, intermittent release 0.0661 mg/l

Reference value for STP microorganisms 10 mg/l
Reference value for the terrestrial compartment 0.0177 mg/kg

Health - Derived No Effect Level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects of workers			
	Locals acute	Systemic acute	Locals chronic	Systemic chronic	Locals acute	Systemic acute	Locals chron.	Systemic chronic
Inhalation						mg/m ³		7.4
Dermal						mg/kg/d		1.04

BUTANONE (methyl ethyl ketone)

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		
		mg/m ³	ppm	mg/m ³	ppm	
TLV	BGR	590		885		
TLV	CZE	600		900		
AGW	DEU	600	200	600	200	SKIN
MAK	DEU	600	200	600	200	SKIN
VLA	ESP	600	200	900	300	
VLEP	FRA	600	200	900	300	SKIN
WEL	GBR	600	200	899	300	SKIN
TLV	GRC	600	200	900	300	
GVI	HRV	600	200	900	300	SKIN
VLEP	ITA	600	200	900	300	
NDS	POL	450		900		
VLE	PRT	600	200	900	300	
NPHV	SVK	600	200	900		
ESD	TUR	600	200	900	300	
OEL	EU	600	200	900	300	
TLV-ACGIH		590	200	885	300	

Expected concentration of no effect on the environment - PNEC

Reference value in fresh water 55.8 mg/l
Reference value in seawater 55.8 mg/l
Reference value for sediment in fresh water 284.7 mg/kg
Reference value for sediment in seawater 284.7 mg/kg
Reference value for water, intermittent release 55.8 mg/l
Reference value for STP microorganisms 709 mg/l
Reference value for the food chain (secondary poisoning) 1000 mg/kg
Reference value for the terrestrial compartment 22.5 mg/kg
Reference value for the atmosphere VND

Health - Derived No Effect Level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects of workers			
	Locals acute	Systemic acute	Locals chronic	Systemic chronic	Locals acute	Systemic acute	Locals chron.	Systemic chronic
Inhalation	VND	VND	VND	106	VND	VND	VND	600
Oral	VND	VND	VND	31	VND	VND	VND	VND
Dermal	VND	VND	VND	412	VND	VND	VND	1161

Legend: (C) = CEILING; INALAB = Inhalable fraction; RESPIR = Fraction breathable; TORAC = Fraction Thoracic; VND = hazard identified but no DNEL/PNEC; NEA = no anticipated exposure; NPI = no danger

8.2

Exposure controls

Considering that the use of adequate technical measures should always take priority over personal protection equipment, ensure good ventilation in the workplace through effective local aspiration.

For the selection of personal protective equipment, if necessary, ask your chemical suppliers for advice. The individual protection devices must bear the CE marking which certifies their compliance with the regulations in force. Provide emergency shower with visocular basin.

HANDS PROTECTION: Protect your hands with category III work gloves (ref. EN 374). The following must be considered for the final choice of the work glove material: compatibility, degradation, break time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use, as it is unpredictable. The gloves have a wear time that depends on the duration and the mode of use.

SKIN PROTECTION: Wear work clothes of category I with long sleeves and safety footwear for professional use of category II (ref. Directive 89/686/EC and EN ISO 20344). Wash with soap and water after removing protective clothing.

EYES PROTECTION: We recommend wearing tight protective goggles (ref. EN166).

PROTECTION OF RESPIRATORY TRACTS: In case of exceeding the threshold value (eg. TLV-TWA) of the substance or one or more of the substances present in the product, consider wearing a mask with type A filter, whose class (1, 2 or 3) will be chosen according to the maximum concentration of use. (Ref. EN 14387). In the case were present gases or vapors of a different nature and/or gases or vapors with particles (aerosols, fumes, mists, etc.) you should make use of combined type filters. The use of means of respiratory protection is required if the technical measures taken are not sufficient to limit worker exposure to the considered threshold values. The protection provided by masks is in any case limited. In the case where the substance in question is odorless or its olfactory threshold is higher than the relative TLV-TWA and in case of emergency, wear an open circuit compressed air breathing apparatus (ref. Standard EN 137) or an outside air breathing apparatus (ref. standard EN 138). For the correct choice of respiratory protection device, refer to Standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS: Emissions from production processes, including those from ventilation should be checked for the purposes of compliance with environmental protection.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State:	Not available
Colour:	Not available
Odour:	Not available
Olfactory threshold:	Not available
PH:	Not available
Melting Point:	Not available
Boiling Point:	Not available
Boiling Range:	Not available
Flashpoint:	> 60 °C
Evaporation rate:	Not available
Flammability of solids and gases:	Not available
Lower flammability limit:	Not available
Upper flammability limit:	Not available
Lower explosive limit:	Not available
Upper explosive limit:	Not available
Vapour Pressur:	Not available
Density of vapours:	Not available
Relative density:	1.11 Kg/liter
Solubility in water:	Not available
Distribution coefficient/n-octano/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	> 20.5 mm ² /sec (40°C)
Explosive properties:	Not available
Oxidizing properties:	Not available

9.2 Altre informazioni

Total solids (250°C / 482°F):	37.49 %
VOC (Directive 2010/75/CE):	8.41 % - 93.48 g/liter
VOC (volatile carbon):	4.77 % - 53.04 g/liter

10 Stability and reactivity

10.1 Reactivity:

There are no particular risks of reaction with other substances in normal usage conditions.

DIPROPYLENE GLYCOL MONOMETHYLETHER

May react with: oxidizing substances.

When heated to decomposition emits: acrid fumes, zinc alloys.

10.2 Chemical stability:

This product is considered stable in normal usage and storage conditions.

10.3 Possibility of hazardous reactions:

There are no foreseeable hazardous reactions in normal usage and storage conditions.

10.4 Conditions to avoid:

None in particular. However, observe normal safety measures used in handling chemical substances.

10.5 Incompatible materials:

Information not available.

10.6 Hazardous decomposition products:

Information not available.

11 Toxicological information

In the absence of experimental toxicological data on the product itself, any product's potential health danger of the product has been evaluated basing on the properties of the substances contained, according to the criteria laid down in the classification reference standards. Consider therefore the concentration of the individual dangerous substances mentioned in section 3, in order to assess the toxicological effects of the product's exposure.

11.1 Information on toxicological effects:

Metabolism, kinetics, mechanism of action and other information:

Information not available

Information on likely routes of exposure:

Information not available

Immediate, delayed, and chronic effects from short and long-term exposure:

Information not available

Interactive effects:

Information not available

ACUTE TOXICITY

LC50 (inhalation) of the mixture: Not classified (no relevant component)

LD50 (oral) of the mixture: Not classified (no relevant component)

LD50 (dermal) of the mixture: Not classified (no relevant component)

Skin Corrosion/Irritation:	N.R.C.
Serious eye damage/irritation:	N.R.C.
Respiratory or skin sensitisation:	N.R.C.
Germ cell mutagenicity:	N.R.C.
Carcinogenicity:	N.R.C.
Aspiration hazard:	N.R.C.
Reproductive Toxicity:	N.R.C.
Specific Target Organ Toxicity (STOT) - Single exposure:	N.R.C.
Specific Target Organ Toxicity (STOT) - Repeated exposure:	N.R.C.
Viscosity:	20.5 mm ² /sec (40°C)
N.R.C. = Based on available data, the classification criteria are not met	

12 Ecological information

Adopt good working practices, avoiding release into the environment. Avoiding release into the soil or waterways. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation. Take measures to minimize the effects on the groundwater.

12.1 Toxicity:

Information not available

12.2 **Persistence and degradability:**
DIPROPYLENE GLYCOL MONOMETHYLETHER
 Solubility in water: 1000 - 10000 mg/l
 Rapidly degradable

12.3 **Bioaccumulative potential:**
DIPROPYLENE GLYCOL MONOMETHYLETHER
 Distribution coefficient/n-octano/water: 0.0043

12.4 **Mobility in soil:**
 Information not available.

12.5 **Results of PBT and vPvB assessment:**
 Based on available data, the product does not contain any PBT or vPvB in percentage higher than 0.1%.

12.6 **Other adverse effects:**
 Information not available.

13 Disposal considerations

13.1 **Waste treatment methods:**
 Reuse, if possible. The hazardousness of the waste that partially contains this product must be evaluated according to the laws in force. Disposal must be performed through an authorized waste management, in compliance with national and local laws.

13.2 **CONTAMINATED PACKAGING:**
 Contaminated packaging must be recovered or disposed in compliance with national waste management regulations.

14 Transport information
 The product is not to be considered dangerous according to the provisions in force on the transportation of dangerous goods by road (A.D.R.), rail (RIS), by sea (IMGD Code), and by air (IATA).

14.1 **UN Number:**
 Not regulated

14.2 **UN proper shipping name:**
 Not regulated

14.3 **Transport hazard class transport:**
 Not regulated

14.4 **Packing group:**
 Not regulated

14.5 **Environmental hazards:**
 Not regulated

14.6 **Special precautions for user:**
 Not regulated

14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**
 Information not relevant.

15 Regulatory information

15.1 **Specific safety, health and environmental regulations.**
 Seveso category - Directive 2012/18 / EC: None
 Restrictions related to the product or to the substances contained according to Annex XVII Regulation (EC) 1907/2006: None.
 Candidate List substances (Article 59 REACH): Based on available data, the product does not contain SVHC substances in percentages greater than 0.1%.
 Substances subject to authorization (Annex XIV REACH): None.
 Substances subject to export notification obligation Reg. (EC) 649/2012: None.
 Substances subject to the Rotterdam Convention: None.
 Substances subject to the Stockholm Convention: None.
 Health Checks: Information not available

Legislative Decree 152/2006 and subsequent amendments
 Emissions according to Part V Annex I:
 TAB. C Class 4 00.12 %
 TAB. D Class 3 00.53 %
 TAB. D Class 4 < 0.01 %
 TAB. D Class 5 < 0.01 %
 WATER 53.98 %

15.2 **Chemical safety assessment**
 A chemical safety assessment for the mixture and the substances it contains has not been elaborated yet.

16 Other information

Text of hazard statements (H) mentioned in sections 2-3 of the MSDS:
 EUH210: The safety data sheet is available upon request.

Decoding of Use Descriptors:

PC 9a Coatings and paints, thinners, paint strippers
 PROC 10 Application with rollers or brushes
 PROC 7 Industrial spray application
 SU 19 Constructions

LEGEND:

ADR: European Agreement concerning the transport of dangerous goods by road.
 CAS NUMBER: Chemical Abstract Service Number.
 EC50: Concentration that gives effect to 50% of the population subject to testing.
 EC NUMBER: ID number in ESIS (European archive of existing substances).
 CLP: Directive EC 1272/2008.
 DNEL: Derived No Effect Level.
 EmS: Emergency Schedule.
 GHS: Globally Harmonised System for classification and labeling of chemicals.
 IATA DGR: Regulation for the transport of dangerous goods by the International Air Transport Association.
 IC50: Concentration of immobilization of 50% of the population subject to testing.
 IMDG: International Maritime Code for Dangerous Goods.
 IMO: International Maritime Organization.
 INDEX NUMBER: ID number in Annex VI of the CLP.
 LC50: Lethal concentration 50%.
 LD50: Lethal dose 50%.
 OEL: Occupational Exposure Level.
 PBT: Persistent, bioaccumulative and toxic according to REACH.
 PEC: Predicted Environmental Concentration.
 PEL: predictable level of exposure.
 PNEC: Predicted No Effect Concentration.
 REACH: EC Regulation 1907/2006.
 RID: Regulations concerning the international carriage of dangerous goods by rail.
 TLV: Threshold Limit Value.
 TLV CEILING: Concentration which should not be exceeded during any time of occupational exposure.
 TWA STEL: Short Term Exposure Limit.
 TWA: Exposure Limit Weighted average.
 VOC: Volatile organic compound.
 vPvB: Very persistent and very bioaccumulative according to REACH.
 WGK: Water hazard class (Germany).

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NOTE TO USER: The information in this security sheet are based on knowledge available to us at the date of the last revision. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. It should not be construed as a guarantee on any specific product property. Since the use of this product is not subject to our direct control, users must, under their own responsibility, follow the laws and provisions in force concerning health and safety. We do not take responsibility for improper use. Provide adequate training to personnel involved in the use of chemicals.