Safety data sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **M8109**

Product name **EXTRA WAX - CERA LIQUIDA A BASE ACQUA**

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

Intended use **Wax for marble and granite. Professional use only.**

Uses advised against: no one in particular

1.3. Details of the supplier of the safety data sheet

Name **ILPA ADESIVI SRL**

Full address **Via Ferorelli, 4**

District and Country **70132 BARI (BARI)**
ITALIA

Tel. + 39 0805383837

Fax + 39 0805377807

e-mail address of the competent person

responsible for the Safety Data Sheet **aborricelli@ilpa.it**

1.4. Emergency telephone number

For urgent inquiries refer to **+ 39 3355405598 (Technical support - 8,00 - 17,00 - LUN-VEN; MON-FRI)(Italian time zone)**
Safety Executive (HSE) Chemicals Regulation Directorate 5S.1 Redgrave Court, Merton Road, Bootle, Merseyside. L20 7HS.
Phone: +44 151 9513317

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP).
However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.
Hazard classification and indication:

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

EUH210 Safety data sheet available on request.
EUH208 Contains:
2,2',2''-(HEXAIDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIETHANOL, ROSIN

May produce an allergic reaction.

Precautionary statements:

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2.3. Other hazards.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

Contains:

Identification.	Conc. %.	Classification 1272/2008 (CLP).
PARAFFIN WAXES AND HYDROCARBON WAXES		
CAS. 8002-74-2	1 - 1,5	Substance with a community workplace exposure limit.
EC. 232-315-6		
INDEX. -		
Reg. no. 01-2119488076-30		
ROSIN		
CAS. 8050-09-7	0,15 - 0,2	Skin Sens. 1 H317
EC. 232-475-7		
INDEX. 650-015-00-7		
Reg. no. 01-2119480418-32-0044		
2,2',2''-(HEXAIDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIETHANOL		
CAS. 4719-04-4	0,15 - 0,2	Acute Tox. 2 H330, Acute Tox. 4 H302, STOT RE 1 H372, Eye Irrit. 2 H319, Skin Sens. 1 H317
EC. 225-208-0		
INDEX. 613-114-00-6		
Reg. no. 01-2119529226-41		
2-METHYL-2H-ISOTHIAZOL-3-ONE		
CAS. 2682-20-4	0 - 0,05	Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1A H314, STOT SE 3 H335, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1

EC. 220-239-6

INDEX. -

ETHANOLAMINE

CAS. 141-43-5	0 - 0,05	Acute Tox. 4 H302, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Corr. 1B H314, STOT SE 3 H335

EC. 205-483-3

INDEX. 603-030-00-8

Reg. no. 1-2119486455-28

Note: Upper limit is not included into the range.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures.

4.1. Description of first aid measures.

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.
SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again.
INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.
INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

PROTECTIVE MEASURES FOR THE FIRST RESCUE WORKERS: for PPE (personal protection equipment) required for first aid refer to section 8.2 of this safety data sheet.

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

For symptoms and effects caused by the contained substances, see chap. 11.

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

Information not available.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT
The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.
UNSUITABLE EXTINGUISHING EQUIPMENT
None in particular.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION
Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS
Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.
Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up.

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.
Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

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

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities.

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s).

No use other than specified in Section 1.2 of this safety data sheet.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Regulatory References:

AUS	Österreich	Grenzwerteverordnung 2011 - GKV 2011
BEL	Belgique	AR du 11/3/2002. La liste est mise à jour pour 2010
BGR	България	МИНИСТЕРСТВО НА ТРУДА И СОЦИАЛНАТА ПОЛИТИКА МИНИСТЕРСТВО НА ЗДРАВЕОПАЗВАНЕТО НАРЕДБА No 13 от 30 декември 2003 г
CHE	Suisse / Schweiz	Valeurs limites d`exposition aux postes de travail 2012. / Grenzwerte am Arbeitsplatz
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
DNK	Danmark	Graensevaerdier per stoffer og materialer
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2015
EST	Eesti	Töökeskkonna keemiliste ohutegurite piirnormid 1. Vastu võetud 18.09.2001 nr 293 RT I 2001, 77, 460 - Redaktsiooni jõustumise kp: 01.01.2008
FIN	Suomi	HTP-arvot 2012. Haitallisiksi tunnetut pitoisuudet - Sosiaali- ja terveysministeriön julkaisuja 2012:5
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GBR	United Kingdom	EH40/2005 Workplace exposure limits
GRC	Ελλάδα	ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ -ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9 Φεβρουαρίου 2012
HRV	Hrvatska	NN13/09 - Ministarstvo gospodarstva, rada i poduzetništva
IRL	Éire	Code of Practice Chemical Agent Regulations 2011
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
LTU	Lietuva	DĖL LIETUVOS HIGIENOS NORMOS HN 23:2007 CHEMINIŲ MEDŽIAGŲ 2007 m. spalio 15 d. Nr. V-827/A1-287
LVA	Latvija	Ķīmisko vielu aroda ekspozīcijas robežvērtības (AER) darba vides gaisā 2012
NLD	Nederland	Databank of the social and Economic Concil of Netherlands (SER) Values, AF 2011:18
NOR	Norge	Veiledning om Administrative normer for forurensning i arbeidsatmosfære
POL	Polska	ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia 16 grudnia 2011r
SVN	Slovenija	Uradni list Republike Slovenije 15. 6. 2007
SWE	Sverige	Occupational Exposure Limit Values, AF 2011:18
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.
	TLV-ACGIH	ACGIH 2014

PARAFFIN WAXES AND HYDROCARBON WAXES
Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min					
		mg/m3	ppm	mg/m3	ppm				
OEL	EU	2							

ROSIN

Predicted no-effect concentration - PNEC.

Normal value in fresh water	0,002	mg/l
Normal value in marine water		
Normal value for fresh water sediment	0,007	mg/kg/d
Normal value for marine water sediment	0,001	mg/kg/d
Normal value for water, intermittent release	0,016	mg/l
Normal value of STP microorganisms	1000	mg/l
Normal value for the terrestrial compartment		

Health - Derived no-effect level - DNEL / DMEL

	Effects on consumers.				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral.			NPI	10 mg/kg bw/d				
Inhalation.	NPI	NPI	NPI	35 mg/m3	NPI	NPI	NPI	117 mg/m3
Skin.	NPI	NPI	NPI	10 mg/kg bw/d	NPI	NPI	NPI	17 mg/kg bw/d

2,2',2''-(HEXAIDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIETHANOL

Predicted no-effect concentration - PNEC.

Normal value in fresh water	0,007	mg/l
Normal value in marine water	0,001	mg/l
Normal value for fresh water sediment	0,03	mg/kg/d
Normal value for marine water sediment	0,003	mg/kg/d
Normal value for water, intermittent release	0,066	mg/l
Normal value of STP microorganisms	5,5	mg/l
Normal value for the terrestrial compartment	0,002	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

	Effects on consumers.				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation.							VND	0,2 mg/m3

2-METHYL-2H-ISOTHIAZOL-3-ONE

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
OEL	EU	1,5		4,5		

ETHANOLAMINE

Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
MAK	AUS	2,5	1	7,6	3	SKIN.
VLEP	BEL	2,5	1	7,6	3	SKIN.
TLV	BGR	8		15		
VEL	CHE	5	2	10	4	
MAK	CHE	5	2	10	4	
TLV	CZE	2,5		7,5		SKIN.
AGW	DEU	5,1	2	10,2	4	SKIN.
MAK	DEU	5,1	2	10,2	4	

TLV	DNK	2,5	1			SKIN.
VLA	ESP	2,5	1	7,5	3	SKIN.
TLV	EST	2,5	1	7,6	3	SKIN.
HTP	FIN	2,5	1	7,6	3	SKIN.
VLEP	FRA	2,5	1	7,6	3	SKIN.
WEL	GBR	2,5	1	7,6	3	SKIN.
TLV	GRC	2,5	1	7,6	3	
GVI	HRV	2,5	1	7,6	3	SKIN.
OEL	IRL	2,5	1	7,6	3	SKIN.
TLV	ITA	2,5	1	7,6	3	SKIN.
RD	LTU	8	3	15	6	SKIN.
RV	LVA	0,5	0,2	7,6	3	SKIN.
OEL	NLD	2,5		7,6		SKIN.
TLV	NOR	2,5	1			SKIN.
NDS	POL	2,5		7,5		
MV	SVN	2,5	1			SKIN.
MAK	SWE	8	3	15	6	SKIN.
OEL	EU	2,5	1	7,6	3	SKIN.
TLV-ACGIH		7,5	3	15	6	

Predicted no-effect concentration - PNEC.		
Normal value in fresh water	0,085	mg/l
Normal value in marine water	0,009	mg/l
Normal value for fresh water sediment	0,434	mg/kg/d
Normal value for marine water sediment	0,043	mg/kg/d
Normal value for water, intermittent release	0,028	mg/l
Normal value of STP microorganisms	100	mg/l
Normal value for the terrestrial compartment	0,037	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

	Effects on consumers.				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral.			VND	3,75 mg/kg bw/d				
Inhalation.			VND	2 mg/m3			VND	3,3 mg/m3
Skin.	VND	VND	VND	0,24 mg/kg bw/d	VND	VND	VND	1 mg/kg bw/d

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2. Exposure controls.

Comply with the safety measures usually applied when handling chemical substances.

HAND PROTECTION
None required.

SKIN PROTECTION
None required.

EYE PROTECTION
None required.

RESPIRATORY PROTECTION
None required, unless indicated otherwise in the chemical risk assessment.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	liquid
Colour	milky
Odour	imperceptible
Odour threshold.	Not available.
pH.	7
Melting point / freezing point.	<0°C
Initial boiling point.	100°C
Boiling range.	Not applicable.
Flash point.	> 60 °C.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Lower inflammability limit.	Not applicable.
Upper inflammability limit.	Not applicable.
Lower explosive limit.	Not applicable.
Upper explosive limit.	Not applicable.
Vapour pressure.	2,3 kPa (T = 20°C) (water)
Vapour density	0,8 g/l (dry air 1,27 g/l) (water)
Relative density.	1,000 Kg/l
Solubility	hydrosoluble
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not applicable.
Decomposition temperature.	Not applicable.
Viscosity	Not available.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

9.2. Other information.

VOC (Directive 2010/75/EC) :	< 0.01 %	-	0,06	g/litre.
VOC (volatile carbon) :	< 0.01 %	-	0,02	g/litre.

SECTION 10. Stability and reactivity.

10.1. Reactivity.

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

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

ETHANOLAMINE: can react dangerously with: acrylonitrile, chloroepoxypropane, chlorosulphuric acid, hydrogen chloride, iron-sulphur compounds, acetic acid, acetic anhydride, mesityl oxide, nitric acid, sulphuric acid, strong mineral acids, vinyl acetate, cellulose nitrate.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

ETHANOLAMINE: avoid exposure to air and sources of heat.

10.5. Incompatible materials.

ETHANOLAMINE: iron, strong acids and strong oxidising agents.

10.6. Hazardous decomposition products.

ETHANOLAMINE: nitrogen oxides, carbon oxides.

SECTION 11. Toxicological information.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.
This product contains sensitizing substance/s and may cause allergic reactions.

11.1. Information on toxicological effects.

Data refers to the mix:

ACUTE TOXICITY: No data available
SKIN CORROSION/IRRITATION: No data available
SERIOUS EYE DAMAGE/IRRITATION: No data available
RESPIRATORY OR SKIN SENSITISATION: May cause an allergic skin reaction. (section 3.2 of the safety data sheet)
GERM CELL MUTAGENICITY: No data available
CARCINOGENICITY: No data available
REPRODUCTIVE TOXICITY: No data available
STOT-SINGLE EXPOSURE: No data available
STOT-REPEATED EXPOSURE: No data availabledata sheet)
ASPIRATION HAZARD: No data available

Data relating to substances hazardous mixture:

2,2',2''-(HEXAIDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIETHANOL
ACUTE TOXICITY: Harmful if swallowed. (Annex VI, REGULATION (EC) No 1272/2008, ECHA website).
LD50 (Oral).1000 mg/kg rat, according to (OECD Guideline 401)
LD50 (Dermal).> 4000 mg/kg rat, according to (OECD Guideline 402)
LC50 (Inhalation).0,371 mg/l/4h rat, according to (OECD Guideline 403)
SERIOUS EYE DAMAGE/IRRITATION: Causes serious eye irritation. (Annex VI, REGULATION (EC) No 1272/2008, ECHA website).
RESPIRATORY OR SKIN SENSITISATION: May cause an allergic skin reaction. (Annex VI, REGULATION (EC) No 1272/2008, ECHA website).
STOT-REPEATED EXPOSURE: Causes damage to organs through prolonged or repeated exposure. (Annex VI, REGULATION (EC) No 1272/2008,

ECHA website).
ASPIRATION HAZARD: Fatal if inhaled. (Annex VI, REGULATION (EC) No 1272/2008, ECHA website).

ROSIN
ACUTE TOXICITY:
LD50 (Oral).> 2000 mg/kg rat, according to (OECD Guideline 423)
LD50 (Dermal).> 2000 mg/kg rat, according to (OECD Guideline 402)

ETHANOLAMINE
ACUTE TOXICITY:
LD50 (Oral).1515 mg/kg rat, equivalent or similar to (OECD Guideline 401)
LD50 (Dermal).2504 mg/kg rabbit, equivalent or similar to (OECD Guideline 402)
LC50 (Inhalation).> 0,136 mg/l/4h rat, equivalent or similar to (OECD Guideline 403)

PARAFFIN WAXES AND HYDROCARBON WAXES
ACUTE TOXICITY:
LD50 (Oral).> 5000 mg/kg rat, according to (OECD Guideline 420)
LD50 (Dermal).> 2000 mg/kg rat, according to (OECD Guideline 402)

SECTION 12. Ecological information.

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

12.1. Toxicity.

ETHANOLAMINE

LC50 - for Fish.	349 mg/l/96h Cyprinus carpio, according to (Directive 92/69/EEC, C.1)
EC50 - for Crustacea.	140 mg/l/48h Daphnia magna, according to (DIN 38412 Part 11)
EC50 - for Algae / Aquatic Plants.	2,1 mg/l/72h Pseudokirchnerella subcapitata, according to (OECD Guideline 201)

PARAFFIN WAXES AND HYDROCARBON WAXES

LC50 - for Fish.	> 100 mg/l/96h Pimephales promelas, according to (OECD Guideline 203)
Chronic NOEC for Crustacea.	> 10000 mg/l Daphnia magna, according to (OECD Guideline 202)
Chronic NOEC for Algae / Aquatic Plants.	> 100 mg/l Pseudokirchnerella subcapitata, according to (OECD Guideline 201)

2,2',2''-(HEXAIDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIETHANOL

LC50 - for Fish.	16,07 mg/l/96h Brachydanio rerio, according to (OECD Guideline 203)
EC50 - for Crustacea.	11,9 mg/l/48h Daphnia magna, according to (OECD Guideline 202)
EC50 - for Algae / Aquatic Plants.	6,66 mg/l/72h Desmodesmus subspicatus, according to (OECD Guideline 201)
Chronic NOEC for Algae / Aquatic Plants.	1,56 mg/l Desmodesmus subspicatus, according to (OECD Guideline 201)

12.2. Persistence and degradability.

ROSIN

Solubility in water.	mg/l 0,1 - 100

Rapidly biodegradable.

ETHANOLAMINE

Solubility in water. mg/l 1000 - 10000

Rapidly biodegradable.

2-METHYL-2H-ISOTHIAZOL-3-ONE

Biodegradability: Information not available.

2,2',2''-(HEXAIDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIETHANOL

Solubility in water. > 1000 mg/l

Rapidly biodegradable.

90 - 100 % after 8d, according to (OECD Guideline 301)

12.3. Bioaccumulative potential.

ROSIN

Partition coefficient: n-octanol/water. 3

BCF. 56,23

ETHANOLAMINE

Partition coefficient: n-octanol/water. -2,3

2,2',2''-(HEXAIDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIETHANOL

Partition coefficient: n-octanol/water. -2 Log Kow

12.4. Mobility in soil.

ROSIN

Partition coefficient: soil/water. 3,7289

ETHANOLAMINE

Partition coefficient: soil/water. -0,5646

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

14.1. UN number.

Not applicable.

14.2. UN proper shipping name.

Not applicable.

14.3. Transport hazard class(es).

Not applicable.

14.4. Packing group.

Not applicable.

14.5. Environmental hazards.

Not applicable.

14.6. Special precautions for user.

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.

Information not relevant.

SECTION 15. Regulatory information.

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

Seveso category. None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

None.

Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisarion (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

Product not intended for uses provided for by Dir. 2004/42/CE.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Acute Tox. 2	Acute toxicity, category 2
Acute Tox. 3	Acute toxicity, category 3
Acute Tox. 4	Acute toxicity, category 4
STOT RE 1	Specific target organ toxicity - repeated exposure, category 1
Skin Corr. 1A	Skin corrosion, category 1A
Skin Corr. 1B	Skin corrosion, category 1B
Eye Irrit. 2	Eye irritation, category 2

STOT SE 3	Specific target organ toxicity - single exposure, category 3
Skin Sens. 1	Skin sensitization, category 1
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
H330	Fatal if inhaled.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
EUH210	Safety data sheet available on request.

LEGEND:
- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

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