

ECOTHOR

ACTIVE NATURE[®]

NO MORE LIZARDS OR GECKOS

Liquid Reptile Repellent

Contains MATRICE U.B.[®] (*Olea europaea*) and Natural Plant Oils

ORGANIC

ENSYSTEX AUSTRALASIA PTY LTD
ABN 53 102 221 965
Unit 3 The Junction Estate
4-6 Junction Street AUBURN NSW 2144
www.ensystex.com.au

CUSTOMER SERVICE 13 35 36



Contents:
1 L

DIRECTIONS FOR USE:

SITUATION

Indoors or outdoors around commercial, industrial and residential buildings including food handling establishments.

PEST

Lizards and geckos.

RATE

Spray the mixture making a zig-zag path delimiting the area where you want to avoid the presence of reptiles (1 L is enough for 15 metres). For best results, distribute the product every 15 days or after abundant rains.

CRITICAL COMMENTS

ECOTHOR ACTIVE NATURE NO MORE LIZARDS OR GECKOS is not food but it uses botanical oils to deter lizards and geckos by exploiting their sense of smell. The special formulation allows for slow release to provide a long-lasting and persistent barrier.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the product or used containers.

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Dispose of empty container by wrapping in paper, placing in plastic bag and putting in garbage.

FIRST AID

If poisoning occurs, contact a Doctor or hospital.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which is available from Ensystex on request.

NOTICE

Ensystex warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with Directions for Use under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions or under off-label permits not endorsed by Ensystex, or under abnormal conditions.

Batch No.:

Date of Manufacture:

Use best before 3 years

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L-AU-ENMR1001 1.03 07.18

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	SAFETY DATA SHEET Reg. (CE) n. 1907/2006, (CE) n. 1272/2008 Reg. (EU) n. 918/2016	Edition 01 Revision 00 Date: 20/07/2018
	ECOTHOR liquid NO MORE LIZARDS OR GECKOS	

SECTION 1
IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier

Commercial name:	ECOTHOR liquid
Commercial code:	ECOTHOR liquid
TARIC - Custom Code:	3301 90 90 00
VAT Code:	IT01664370515

1.2. Relevant identified uses of the substance or mixture and recommended uses.

Intended use:	Physical barrier for lizards or geckos.
Not intended use:	Other uses are not recommended unless an assessment has been carried out before the start of such use which demonstrates that the risks arising from such use are controlled and that the mixture is used in such a way as not to harm human health and environment.


1.3. Details of the supplier of the safety data sheet

Supplier: **UNION B.I.O. S.r.l.**
 Address : Via Achille Grandi 87/C - 52100 Arezzo (Ar) - Italia
 Telephone : +39 0575 250767
 Fax: +39 0575 251863
 E-mail: info@unionbio.it

E-mail address of the responsible person for the Safety Data Sheet compilation: info@unionbio.it

1.4. Emergency Telephone Numbers

Responsible	Hospital	City	Address	CAP	Phone
Marco Marano	CAVp "Osp. Pediatrico Bambino Gesù"	Roma	Piazza Sant'Onofrio, 4	00165	+39 06 68593726
Anna Lepore	Az. Osp. Univ. Foggia	Foggia	V.le Luigi Pinto, 1	71122	+39 0881-732326
Gennaro Savoia	Az. Osp. "A. Cardarelli"	Napoli	Via A. Cardarelli, 9	80131	+39 081-7472870
M. Caterina Grassi	CAV Policlinico "Umberto I"	Roma	V.le del Policlinico, 155	00161	+39 06-49978000
Alessandro Barelli	CAV Policlinico "A. Gemelli"	Roma	Largo Agostino Gemelli, 8	00168	+39 06-3054343
Primo Botti	Az. Osp. "Careggi" U.O. Tossicologia Medica	Firenze	Largo Brambilla, 3	50134	+39 055-7947819
Carlo Locatelli	CAV Centro Nazionale di Informazione Tossicologica	Pavia	Via Salvatore Maugeri	27100	+39 0382-24444
Franca Davanzo	Osp. Niguarda Ca' Granda	Milano	Piazza Ospedale Maggiore, 3	20162	+39 02-66101029
M. Luisa Farina	Azienda Ospedaliera Papa Giovanni XXII	Bergamo	Piazza OMS, 1	24127	+39 800883300

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**SECTION 2
HAZARDS IDENTIFICATION**

2.1. Classification of the substance or mixture

The product is NOT dangerous according to EC Regulation 1272/2008 (CLP).

Under normal conditions of use, the mixture does not cause adversely affect for man.

2.2. Label elements

Labelling according to the Reg. (CE) n. 1272/2008 (CLP):

Pictograms GHS:	
Warning:	
Danger indication:	
Safety advices:	P101 – If medical advice is needed, have product container or label at hand. P102 – Keep out of reach of children. P103 – Read label before use.
Further information:	EUH208 Contains: Pelargonium Graveolens flower oil (Egypt), Lavandula Hybrida Abrial herb oil. May cause an allergic reaction. EUH 210 Safety data sheet available on request.

2.3. Other hazards

The mixture contains perfumed substances, classified as skin sensitizers (main components: geranium essential oil, lavender essential oil) skin contact with the mixture or inhalation of the vapor /aerosol of the mixture can cause an allergic reaction in sensitive subjects.

The mixture does not contain substances identified as SVHC (Substances of Very High Concern) according to Regulation (EC) No. 1907/2006 (REACH), Article 59, paragraph 10.

The mixture does not meet the criteria for the identification of PBT or vPvB substances, in accordance with Annex XIII of the REACH Regulation.

According to the available data, the product does not contain PBT or vPvB substance in excess of 0.1%.


**SECTION 3
COMPOSITION/INFORMATION ON INGREDIENTS**

3.1. Substances

Not relevant information.

3.2. Mixtures

Water-based preparation containing the following dangerous components:

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Name	Number EC	Number CAS	Concentration % in the finished product (p/p)	Classification Reg. 1272/2008/CE	REACH
Pelargonium Graveolens flower oil (Egypt)	290-140-0	8000-46-2	0.01%-0.45%	Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Dam. 1 H318 Aquatic Chronic 3 H412	17-211925194-48-x
Lavandula Hybrida Abrial herb oil (France)	297-384-7	8022-15-9	0.01%-0.45%	Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Chronic 3 H412	pre-registered

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

In case of eyes contact:	Wash carefully and thoroughly the eyes with plenty of water; consult a doctor if the disorder or irritation persists.
In case of skin contact:	Wash the skin with water and soap.
In case of inhalation:	In case of inhalation of large quantities of product, move the person into the open air, in a well-ventilated place; and consult a doctor if adverse symptoms are present.
In case of ingestion:	Rinse the mouth. Do NOT induce vomiting. Contact a POISON CENTER or a physician, showing the safety data sheet.

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

Repeated or prolonged contact with skin may cause reddening and skin dryness.
 The mixture contains geranium essential oil, lavender essential oil, classified as skin sensitizers: skin contact with the mixture can cause an allergic reaction in sensitive subjects.

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

In case of accident or if you feel unwell, seek immediately medical advice (show the operation instructions or safety data sheet if possible)

SECTION 5 FIREFIGHTING MEASURES

5.1. Extinguishing media


Suitable means: use water, CO₂ fire extinguisher to extinguish the fire.
 Unsuitable means: none.

5.2. Special hazards arising from the substance or mixture

The mixture is not combustible. In the event of fire, the mixture can evaporate, reducing the concentration of oxygen in the air.

5.3. Advice for fire fighters

GENERAL INFORMATION

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Cool containers with water jets to avoid product evaporation and the development of substances potentially hazardous to health. Always wear complete fire protection equipment. Collect extinguishing water that should not be discharged into drains. Dispose of contaminated water used for fire extinguishing and residues in accordance with current regulations.

EQUIPMENT

Normal fire fighting clothing such as Self-contained open-circuit compressed air breathing apparatus with full face mask (EN 137), Protective clothing for fire fighters (EN469), Protective gloves for fire fighters (EN 659) and boots for fire fighters (HO A29 or A30).

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For those who intervene directly: block the loss if there is no danger.

Wear suitable protective equipment (including the individual protective equipment listed in Section 8 of the Safety Data Sheet) to prevent skin, eye and personal contamination. These instructions are valid for both workmen and emergency workers.

For those who do not intervene directly: make an emergency call.

6.2. Environmental precautions

Contain contaminated washing water and discard it.

Prevent product from entering sewers, surface water, groundwater.

Suitable material for collection: absorbent material, soil or sand.

6.3. Methods and material for containment and cleaning up

Use suitable absorbent materials (paper or fabric, etc.) and suitable containers to store the leaked material.

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

Ensure good ventilation/exhaustion at the workplace. Keep away from children. Keep away from food, drink and feed.

When using, place on heat-resistant surfaces and away from combustible materials.

7.2. Conditions for safe storage, including any incompatibilities

The product is stable under normal temperature and pressure conditions. Store in a cool and dry place at temperatures not exceeding 40 °C away from sources of heat and direct sunlight.


7.3. Specific and use(s)

No data available

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limit values DNEL

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Pelargonium Graveolens flower oil (Egypt) - CAS: 8000-46-2

Worker Industry: 126.468 mg/m³ - Consumer 37.304 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects - Endpoint: Repeated dose toxicity - Notes: QSAR
 Worker Industry: 174.088 mg/kg - Consumer: 104.360 mg/kg - Exposure: Human Dermal - Frequency: Long Term, local effects - Endpoint: Repeated dose toxicity - Notes: QSAR
 Consumer: 10.883 mg/kg - Exposure: Human Oral - Frequency: Long Term, local effects - Endpoint: Repeated dose toxicity - Notes: QSAR

Lavandula Hybrida Abrial herboil (France) - CAS: 8022-15-9

Worker Industry: 5.153 mg/m³ - Consumer 1.388 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects - Endpoint: Repeated dose toxicity - Notes: QSAR
 Worker Industry: 3.473 mg/kg - Consumer: 1.738 mg/kg - Exposure: Human Dermal - Frequency: Long Term, local effects - Endpoint: Repeated dose toxicity - Notes: QSAR
 Consumer: 48.628 mg/kg - Exposure: Human Oral - Frequency: Long Term, local effects - Endpoint: Repeated dose toxicity - Notes: QSAR

Exposure limit values PNEC

N/A

8.2. Exposure controls

The use of appropriate technical measures should always have priority over personal protection equipment; ensure good ventilation at the workplace by means of effective local suction.

When choosing personal protective equipment, ask your chemical suppliers if necessary.

Personal protective equipment must bear the CE marking attesting to their compliance with applicable regulations.

Provide emergency shower with eye face bowl.

Eye/face protection: During normal product use no protective measures are required. In case of prolonged contact and handling of large quantities, wear protective goggles (UNI EN 166).

Hand protection: During normal product use no protective measures are required. In case of prolonged or repeated contact with the skin and handling of large quantities, wear protective gloves (UNI EN 374).


Respiratory protection: If the dust cannot be adequately controlled by suitable ventilation systems, wear respiratory protection devices, such as Respiratory mask with filter, valved filtering half masks to protect or self contained breathing apparatus (UNI EN 149, 140 o 136).

Environmental exposure controls: Avoid the product reaching surface or groundwater.

SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on fundamental physical and chemical properties

Appearance: Liquid
 Colour: Amber
 Odour: Characteristic
 Solubility: Soluble
 Flammability: Not inflammable
 Oxidizing properties: Not oxidant
 pH: 5,5 ± 0,5

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9.2. Other information

None

**SECTION 10
STABILITY AND REACTIVITY**

10.1. Reactivity

The mixture is stable under normal temperature and pressure conditions.

10.2. Chemical stability

The mixture is stable under normal temperature and pressure conditions.

10.3. Possibility of hazardous reactions

None under normal conditions of use and storage.

10.4. Condition to avoid

Keep away from sources of heat or direct sunlight.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None.

**SECTION 11
TOXICOLOGICAL INFORMATION**

11.1. Information on toxicological effect

Toxicological information of the components:

The toxicological information on the main substances present in the mixture is given below:

Pelargonium Graveolens flower oil (Egypt) - CAS: 8000-46-2

NOEL (no observed effect level, human dermal): 3137 µg/cm²

Conversion info:

1µg/cm²=10mg/m²

Human: mg/kg x 37=mg/m²

Child <20kg: mg/kg x 25=mg/m² or for child >20kg mg/kg=µg/cm² x 10/37)*

*data used by HED (human equivalent dose) U.S. Food & Drug Administration. Estimating the Safe Starting Dose in Clinical Trials for Therapeutics in Adult Healthy Volunteers


Oral toxicity acute (OECD Test Guideline 401) - LD50: >5000 mg/kg

Repeated dose toxicity (OECD Test Guideline 407) - NOAEL: n.a. mg/kg; LOAEL: n.a. mg/kg

Dermal toxicity - human (RIFM-Research Institute for Fragrance Materials or OECD Test Guideline 402):

NOEL (no observed effect level): >6000 µg/cm²

LOEL (lowest observed effect level): n.a. µg/cm²

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NESIL (no expected sensitization induction level): n.a. µg/cm²

Skin corrosion/irritation (dermal)(HRIPT): irritating
 Skin sensitization (HRIPT): sensitizing
 Eye: Irritation (ocular)(FHSA): irritating
 Inhalation toxicity (OECD Test Guideline 403): LC50 n/a mg/m³
 Developmental NOAEL maternal: n.a. mg/kg; NOAEL foetal: n.a. mg/kg
 Reproductive Toxicity NOAEL: n.a. mg/kg
 Genotoxicity (in vivo): negative.
 Genotoxicity (in vitro): negative

Lavandula Hybrida Abrial herboil (France) - CAS: 8022-15-9

NOEL (no observed effect level, human dermal): 9854 µg/cm²

conversion info:

1µg/cm²=10mg/m²

Human: mg/kg x 37=mg/m²

Child <20kg: mg/kg x 25=mg/m² or for child >20kg mg/kg=µg/cm² x 10/37)*


*data used by HED (human equivalent dose) U.S. Food & Drug Administration. Estimating the Safe Starting Dose in Clinical Trials for Therapeutics in Adult Healthy Volunteers

Oral toxicity acute (OECD Test Guideline 401) - LD50: >5000 mg/kg
 Repeated dose toxicity (OECD Test Guideline 407) - NOAEL: n.a. mg/kg; LOAEL: n.a. mg/kg
 Dermal toxicity - human (RIFM-Research Institute for Fragrance Materials or OECD Test Guideline 402):
 NOEL (no observed effect level): 9854 µg/cm²
 LOEL (lowest observed effect level): n.a.µg/cm²
 NESIL (no expected sensitization induction level): n.a. µg/cm²

Skin corrosion/irritation (dermal)(HRIPT): irritating
 Skin sensitization (HRIPT): sensitizing
 Eye: Irritation (ocular)(FHSA): non irritating
 Inhalation toxicity (OECD Test Guideline 403): LC50 n/a mg/m³
 Developmental NOAEL maternal: n.a. mg/kg; NOAEL foetal: n.a. mg/kg
 Reproductive Toxicity NOAEL: n.a. mg/kg
 Genotoxicity (in vivo): negative.
 Genotoxicity (in vitro): negative

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

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SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

Use according to good working practices, avoiding to disperse the product into the environment. It cannot be disposed of as household waste. Dispose it via specialized companies for waste disposal.

Pelargonium Graveolens floweroil (Egypt) - CAS: 8000-46-2

- Endpoint: LC50 - Species: Fish, Acute Toxicity Test (OECD 203) - Duration h: 96 - mg/l: 10.844 - Notes: QSAR
- Endpoint: EC50 - Species: Daphnia sp. Acute Immobilisation Test (OECD 202) - Duration h: 48 - mg/l: 115.942 - Notes: QSAR
- Endpoint: EC50 - Species: Freshwater Alga and Cyanobacteria, Growth Inhibition Test (OECD 201) - Duration h: 72 - mg/l: 38.661 - Notes: QSAR

Lavandula Hybrida Abrial herb oil (France) - CAS: 8022-15-9

- Endpoint: LC50 - Species: Fish, Acute Toxicity Test (OECD 203) - Duration h: 96 - mg/l: 25.788 - Notes: QSAR
- Endpoint: EC50 - Species: Daphnia sp. Acute Immobilisation Test (OECD 202) - Duration h: 48 - mg/l: 23.755 - Notes: QSAR
- Endpoint: EC50 - Species: Freshwater Alga and Cyanobacteria, Growth Inhibition Test (OECD 201) - Duration h: 72 - mg/l: 83.516 - Notes: QSAR

12.2. Persistence and degradability

According to the theoretical calculation of the composition of the concentrated product, the biodegradability is > 90% /28d. The biodegradability increases if the product is dilute.

12.3. Bioaccumulation potential

N.A.

12.4. Mobility in soil

Considering the chemical-physical characteristics of the product, the product is expected to have no mobility in the soil.

12.5. Results of PBT and vPvB assessment

Based on the available data, the product does not contain PBT or vPvB substances in excess of 0.1%.

SVHC (Substances of Very High Concern)

None

PBT (Persistent, Bioaccumulation and Toxic substance)

None

vPvB (Very Persistent and Very Bioaccumulation substance)

None


12.6. Other adverse effects

N.A.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Disposal methods

Do not disperse in the environment. Waste disposal must be in accordance with local regulations.

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**SECTION 14
TRANSPORT INFORMATION**

14.1. ONU Number

N.A.

14.2. ONU shipping name

N.A.

14.3. Transport hazard classes

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

N.A.

14.6. Special Precautions for User

N.A.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

N.A.

**SECTION 15
REGULATORY INFORMATION**

This section lists the other regulatory information for the mixture that has not already been provided in the Safety Data Sheet.

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

REGULATION CE n° 1272/2008 (CLP) (and subsequent modifications and adjustments)
 REGULATION CE n° 1907/2006 (REACH) (and subsequent modifications and adjustments)

Where applicable, refer to the following regulatory provisions :

- Ministerial circulars 46 e 61 (aromatic amines).
- D.Lgs. 21 September 2005 n. 238 (Directive Seveso Ter)
- Regulation (EC) nr 648/2004 (detergents).
- D.L. 3/4/2006 n. 152 rules on the environment


Seveso category. None.

Restrictions related to the product or to the substances contained according to Annex XVII Regulation (EC) 1907/2006.
Substances contained. None.

Candidate List substances (Art. 59 REACH None.

Substances subject to authorization (Annex XIV REACH) None.

Substances subject to export notification obligation Reg. (CE) 649/2012 None.

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Substances subject to the Rotterdam Convention None.

Substances subject to the Stockholm Convention None.

Sanitary checks. Information not available.

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the mixture and the substances it contains.
 Waiting to receive exposure scenarios from suppliers.

SECTION 16 OTHER INFORMATION

Revisions:

Edition 01, revision 02 del 23/03/2018

Bibliographic sources:

Pelargonium Graveolens floweroil (Egypt)- CAS: 8000-46-2: Database ECHA, Sensitizing Database, Higher Institute of Health, Safety data sheet of the substance supplier Rev n 5 del 16/11/2017

Lavandula Hybrida Abrial herboil- CAS: 8022-15-9: Database ECHA- Sensitizing Database, Higher Institute of Health, Safety data sheet of the substance supplier Rev n 5 del 03/08/2017

Abbreviations and acronyms:

- CAS: *Chemical Abstract Service*
- CMR: *(substances) Carcinogenic, Mutagenic or Toxic to reproduction.*
- LC₅₀: *Median Average Lethal Concentration*
- EC₅₀: *Median Effective Concentration*
- LD₅₀: *Median lethal Dose*

Sections 8, 11, 12 modified with respect to the previous revision 01

Hazard statements H (Reg. (EC) 1272/2008)

Texts of statements used on paragraph 3:


- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H412 Harmful to aquatic life with long lasting effects

Hazard statements P (Reg. (CE) N. 1272/2008)

- P101 – If medical advice is needed, have product container or label at hand.
- P102 – Keep out of reach of children.
- P103 – Read label before use.

LEGEND:

- ADR: European Agreement concerning the International Carriage 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: Identification Number in ESIS (European Inventory of Existing Commercial Chemical Substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived no effect level
- EmS: Emergency Schedule
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- IATA DGR: Regulation for dangerous goods transport of the International Air Transport Association

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- IC50: Inhibitory concentration for 50% of the population subject to testing
- IMDG: International maritime code for the transport of dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bio-accumulative and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predicted exposure level
- PNEC: Predictable no-effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation for the international carriage of dangerous goods by train
- TLV: Threshold limit value
- TLV CEILING: Concentration that must not be exceeded at any time during working exposure.
- TWA STEL: Short-term exposure limit
- TWA: Weighted mean exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bio-accumulative according to REACH
- WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Directive 1999/45/EC and following edits
2. Directive 67/548/EEC and subsequent modifications and adjustments
3. Regulation (EU) 1907/2006 of the European Parliament (REACH)
4. Regulation (EU) 1272/2008 of the European Parliament (CLP)
5. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
6. Regulation (EU) 453/2010 of the European Parliament
7. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
8. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
9. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
10. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
11. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
12. Regulation (UE) 1221/2015 of the European Parliament (VII Atp CLP)
13. Regulation (UE) 918/2016 of the European Parliament (VIII Atp CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- NIOSH - Registry of Toxic Effects of Chemical Substances
- I.N.R.S. - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- Website Agency ECHA

NOTICE TO USERS

This document is intended to provide guidance for proper handling of this product. The product should not be used for purposes other than those indicated, except in the case where appropriate handling information has been received. Any other use of the product that is not in accordance with this document or the use of the product in conjunction with any other product or any other process shall be the sole responsibility of the user. The information contained in the document is not to be considered a declaration or a guarantee of merchantability, fitness for a particular purpose or quality. The information contained in this SDS is in compliance with Regulation (EU) № 918/2016