Γ			
DIDON	NATO S.P.A.		Revision nr. 5
			Dated 22/01/2021
481 – LI	E VELATURE		Printed on 22/01/2021
			Page n. 1/14
			Replaced revision:4 (Dated: 12/05/2017)
Accor SECTION 1. Identification of the sub	Safety Data	I - Regulation 2015/830	dertaking
1.1. Product identifier Product name	LE VELATURE		
1.2. Relevant identified uses of the substance or i	mixture and uses advise	d against	
Intended use Paint product.			
Identified Uses	Industrial	Professional	Consumer
Paint/Coating.	-	~	~
1.3. Details of the supplier of the safety data shee Name Full address District and Country	t DI DONATO S.p.A. VIA SALARA, 7 66020 SAN GIOVANNI	TEATINO (CH)	
	ITALY		
	Tel. +39 085-4460159		
	Fax +39 085-4460491		
e-mail address of the competent person			
responsible for the Safety Data Sheet Product distribution by:	sicurezza.prodotti@di DI DONATO S.p.A.	donatospa.com	
1.4. Emergency telephone number			
For urgent inquiries refer to	Poison Centre Nigu Poison Centre IRCS Poison Centre Osp Poison Centre Care Poison Centre Univ Poison Centre Polio Poison Centre Caro	•	02 66101029: a tel. +39 0382 24444: 800 883300: 9 055 7947819: Rome tel. +39 06 3054343: 39 06 49978000:
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 (EU) Regulation 2015/830.

# 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021 Printed on 22/01/2021

Page n. 2/14

Replaced revision:4 (Dated: 12/05/2017)

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 EUH208	Safety data sheet available on request. Contains: REACTION MASS OF: 5-CHLORO-2-ME METHYL-2H -ISOTHIAZOL-3-ONE [EC NO. 220-23 May produce an allergic reaction.	THYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2- 39-6] (3:1)
Precautionary statements:		
VOC (Directive 2004/42/EC)	<u>L</u>	
Decorative effect coatings.		
VOC given in g/litre of proc Limit value:	duct in a ready-to-use condition :	40,20 200,00

### 2.3. Other hazards

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

# SECTION 3. Composition/information on ingredients

#### 3.1. Substances

Information not relevant

#### 3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
ETHANEDIOL		
CAS 107-21-1	$0,89 \le x < 1,1$	Acute Tox. 4 H302
EC 203-473-3		
INDEX 603-027-00-1		
Reg. no. 01-2119456816-28		
REACTION MASS OF: 5-CHLORO- 2-METHYL-4-ISOTHIAZOLIN-3-ONE		

### 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021 Printed on 22/01/2021

Page n. 3/14

Replaced revision:4 (Dated: 12/05/2017)

[EC NO. 247-500-7] AND 2-METHYL-2H -ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) CAS 55965-84-9

0 ≤ x < 0,0015

Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100, EUH071

EC -

INDEX 613-167-00-5

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 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

Specific information on symptoms and effects caused by the product are unknown.

#### 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 Choose the most appropriate extinguishing equipment for the specific case. 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 The product is neither flammable nor combustible.

#### 5.3. Advice for firefighters

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**

### 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021 Printed on 22/01/2021

Page n. 4/14

Replaced revision:4 (Dated: 12/05/2017)

#### 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. 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.

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

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

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

Information not available

### **SECTION 8. Exposure controls/personal protection**

#### 8.1. Control parameters

#### Regulatory References:

DEU	Deutschland	TRGS 900 - Seite 1 von 69 (Fassung 29.03.2019)- Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte
EST	Eesti	Ohtlike kemikaalide ja neid sisaldavate materjalide kasutamise töötervishoiu ja tööohutuse nõuded ning töökeskkonna keemiliste ohutegurite piirnormid [RT I, 17.10.2019, 1 - jõust. 17.01.2020]
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
POL	Polska	ROZPORZADZENIE MINISTRA RODZINY, PRACY I POLITYKI SPOŁECZNEJ z dnia 12 czerwca 2018 r
ROU	România	HOTĂRÂRE nr. 584 din 2 august 2018 pentru modificarea Hotărârii Guvernului nr. 1.218/2006 privind stabilirea cerințelor minime de securitate și sănătate în muncă pentru asigurarea protecției lucrătorilor împotriva riscurilor legate de prezenta agentilor chimici
SVN	Slovenija	Uradni list Republike Slovenije 20.12.2019 - Uradnem listu RS št. 78/19 -PRAVILNIK o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu
TUR	Türkiye	12.08.2013 Tarihli, 28733 Sayılı, Kimyasal Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition, published 2018)
EU	OELEU	Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.

# 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021

Printed on 22/01/2021 Page n. 5/14

Replaced revision:4 (Dated: 12/05/2017)

TI	.V-AC	'GIH
	.v-AC	лап

ACGIH 2020

1,2-PROPANEDIOL Threshold Limit Value								
Туре	Country	TWA/8h		STEL/15min		Remarks Observat		
		mg/m3	ppm	mg/m3	ppm	00301741	10113	
NDS/NDSCh	POL	100				INHAL		
WEL	GBR	10					Particulat	tes
Predicted no-effect concentration	- PNEC							
Normal value in fresh water				260	m	g/l		
Normal value in marine water				26	m	g/l		
Normal value for fresh water sedir	nent			572	m	g/kg		
Normal value for marine water see	diment			57,2	m	g/kg		
Normal value of STP microorganis	sms			2000	m	g/l		
Health - Derived no-effect le	evel - DNEL / D Effects on	MEL			Effects on			
	consumers				workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation			10 mg/m3	50 mg/m3		*	10 mg/m3	168 mg/m3
ETHANEDIOL Threshold Limit Value								
Туре	Country	TWA/8h		STEL/15min		Remarks		
		mg/m3	ppm	mg/m3	ppm	Observat	ions	
AGW	DEU	26	10	52	20	SKIN		
MAK	DEU	26	10	52	20	SKIN		
TLV	EST	52	20	104	40	SKIN		
VLEP	FRA	52	20	104	40	SKIN		
VLEP	ITA	52	20	104	40	SKIN		
NDS/NDSCh	POL	15		50		SKIN		
TLV	ROU	52	20	104	40	SKIN		
MV	SVN	52	20	104	40	SKIN		
ESD	TUR	52	20	104	40	SKIN		
WEL	GBR	52	20	104	40	SKIN		
OEL	EU	52	20	104	40	SKIN		
TLV-ACGIH			25		50			
TLV-ACGIH				10		INHAL		
Predicted no-effect concentration	- PNEC							
Normal value in fresh water				10	m	g/I		
Normal value in marine water				1	m	g/l		
Normal value for fresh water sedir	ment			37	m	g/kg/d		
Normal value for marine water see				3,7	m	g/kg/d		
Health - Derived no-effect le	evel - DNEL / D Effects on consumers	MEL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic

## 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021

Printed on 22/01/2021 Page n. 6/14

Replaced revision:4 (Dated: 12/05/2017)

Inhalation	7 mg/m3		35 mg/m3
Skin		53 mg/kg bw/d	106 mg/kg bw/d
Legend:			
(C) = CEILING ;	INHAL = Inhalable Fraction ; RESP =	= Respirable Fraction ; THORA = Thoracic Fraction.	
VND = hazard ider	ntified but no DNEL/PNEC available ;	NEA = no exposure expected ; NPI = no hazard identified.	
8.2. Exposure c	ontrols		
As the use of ade through effective lo		s take priority over personal protective equipment, make sur	re that the workplace is well aired

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### 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	dense liquid
Colour	incolore di aspetto velato
Odour	characteristic
Odour threshold	Not available
рН	8 - 9,5
Melting point / freezing point	0°C (H <sub>2</sub> O)
Initial boiling point	100°C (H <sub>2</sub> O)

# 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021

Printed on 22/01/2021 Page n. 7/14

Replaced revision:4 (Dated: 12/05/2017)

Boiling range	Not avaialble
5 5	
Flash point	Not applicable
Evaporation Rate	Not applicable
Flammability of solids and gases	Not applicable
Lower inflammability limit	Not applicable
Upper inflammability limit	Not applicable
Lower explosive limit	Not applicable
Upper explosive limit	Not applicable
Vapour pressure	23 hPa 20°C (H <sub>2</sub> O)
Vapour density	Not available
Relative density	1,2 kg/lt
Solubility	miscible in water -
Partition coefficient: n-octanol/water	Not applicable (the product is a mixture)
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	>20,5 mm²/sec (40°C)
Explosive properties	Not applicable
Oxidising properties	Not applicable

#### 9.2. Other information

VOC (Directive 2004/42/EC) :

3,35 % - 40,20 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.

#### ETHANEDIOL

In the air absorbs moisture.Decomposes at temperatures above 200°C/392°F.

#### 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.

#### ETHANEDIOL

Risk of explosion on contact with: perchloric acid.May react dangerously with: chlorosulphuric acid,sodium hydroxide,sulphuric acid,phosphorus pentasulphide,chromium (III) oxide,chromyl chloride,potassium perchlorate,potassium dichromate,sodium peroxide,aluminium.Forms explosive mixtures with: air.

#### 10.4. Conditions to avoid

### 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021

Printed on 22/01/2021 Page n. 8/14

Replaced revision:4 (Dated: 12/05/2017)

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

ETHANEDIOL

Avoid exposure to: sources of heat, naked flames.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

ETHANEDIOL

May develop: hydroxyacetaldehyde,glyoxal,acetaldehyde,methane,carbon monoxide,hydrogen.

### **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.

#### 11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

ETHANEDIOL

WORKERS: inhalation; contact with the skin. POPULATION: inhalation of ambient air; contact with the skin of products containing the substance.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### ETHANEDIOL

Ingestion initially stimulates the central nervous system; later replaced by a phase of depression. There may be kidney damage, with anuria and uremia. Over-exposure symptoms are: vomiting, drowsiness, difficulty in breathing, convulsions. The lethal dose for humans is approx. 1.4 ml/kg.

Interactive effects

Information not available

#### ACUTE TOXICITY

ATE (Inhalation) of the mixture: Not classified (no significant component) ATE (Oral) of the mixture: Not classified (no significant component) ATE (Dermal) of the mixture:

# 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021

Printed on 22/01/2021 Page n. 9/14

Replaced revision:4 (Dated: 12/05/2017)

Not classified (no significant component)

ETHANEDIOL

LD50 (Oral) > 2000 mg/kg Rat

LD50 (Dermal) 9530 mg/kg Rabbit

REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H -ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)

LD50 (Oral) 550 mg/kg Ratto

LC50 (Inhalation) 0,31 mg/l/4h Ratto

#### **SKIN CORROSION / IRRITATION**

Does not meet the classification criteria for this hazard class

#### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

#### **RESPIRATORY OR SKIN SENSITISATION**

May produce an allergic reaction.Contains:REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H -ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### ETHANEDIOL

Available studies have shown no carcinogenic potential. In a carcinogenicity study lasting two years, carried out by the US National Toxicology Program (NTP), in which ethylene glycol was administered in the feed, "no evidence of carcinogenic activity" in male and female B6C3F1 mice was observed (NTP, 1993).

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

# 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021

Printed on 22/01/2021 Page n. 10/14

Replaced revision:4 (Dated: 12/05/2017)

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class Viscosity: >20,5 mm2/sec (40°C)

### **SECTION 12. Ecological information**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

#### 12.1. Toxicity

ETHANEDIOL	
LC50 - for Fish	72860 mg/l/96h Pimephales promelas
EC50 - for Crustacea	> 100 mg/l/48h Daphnia magna
Chronic NOEC for Fish	15380 mg/l Pimephales promelas
REACTION MASS OF: 5-CHLORO-2- METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H - ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) LC50 - for Fish EC50 - for Crustacea EC50 - for Algae / Aquatic Plants EC10 for Algae / Aquatic Plants	0,58 mg/l/96h Danio rerio (Pesce zebra) 1,02 mg/l/48h Daphnia magna (Pulce d'acqua grande) 0,379 mg/l/72h Pseudokirchneriella subcapitata 0,188 mg/l/72h Pseudokirchneriella subcapitata
12.2. Persistence and degradability	
ETHANEDIOL	
Solubility in water	1000 - 10000 mg/l
Rapidly degradable	
REACTION MASS OF: 5-CHLORO-2- METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H - ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) NOT rapidly degradable	
12.3. Bioaccumulative potential	
ETHANEDIOL	
Partition coefficient: n-octanol/water	-1,36
12.4. Mobility in soil	
·	

# 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021

Printed on 22/01/2021 Page n. 11/14

Replaced revision:4 (Dated: 12/05/2017)

Information not available

#### 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 ≥ 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**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

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

# 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021

Printed on 22/01/2021 Page n. 12/14

Replaced revision:4 (Dated: 12/05/2017)

#### 14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol 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 - Directive 2012/18/EC: 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)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (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

# 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021

Printed on 22/01/2021 Page n. 13/14

Replaced revision:4 (Dated: 12/05/2017)

VOC (Directive 2004/42/EC) :

Decorative effect coatings.

#### 15.2. Chemical safety assessment

A chemical safety assessment has been performed for the following contained substances

#### ETHANEDIOL

### **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
Skin Corr. 1C	Skin corrosion, category 1C
Skin Sens. 1A	Skin sensitization, category 1A
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
H310	Fatal in contact with skin.
H330	Fatal if inhaled.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.
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

# 481 – LE VELATURE

Revision nr. 5

Dated 22/01/2021 Printed on 22/01/2021

Page n. 14/14

Replaced revision:4 (Dated: 12/05/2017)

- 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).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
- 4. Regulation (EU) 2015/830 of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EÚ) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2018/1480 (XIII Atp. CLP)
- 16. Regulation (EU) 2019/521 (XII Atp. CLP)

- The Merck Index. - 10th Edition

- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy
- Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

- This document must not be regarded as a guarantee on any specific product property.
- The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products. CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of

chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11. Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

01 / 02 / 03 / 05 / 07 / 08 / 09 / 10 / 11 / 12 / 15 / 16.