# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier:

Ludwik - descaler

# Other means of identification:

Non-applicable

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

Relevant uses: Cleaner

Uses advised against: All uses not specified in this section or in section 7.3

### 1.3 Details of the supplier of the safety data sheet:

GRUPA INCO S.A. ul. Wspólna 25 00-519 Warszawa - Mazowieckie - Polska Phone: +48 22 71 15 900 info.produkty@inco.pl www.inco.pl

**1.4 Emergency telephone number:** +48 22 7115900 (7.30-15.30)

# SECTION 2: HAZARDS IDENTIFICATION \*\*

# 2.1 Classification of the substance or mixture:

## CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Eye Dam. 1: Serious eye damage, Category 1, H318 Skin Corr. 1C: Skin corrosion, Category 1C, H314

#### 2.2 Label elements:

## CLP Regulation (EC) No 1272/2008:

Danger



# Hazard statements:

Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.

#### **Precautionary statements:**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P280: Wear protective gloves.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a poison center/doctor.

### Substances that contribute to the classification

L-(+)-lactic acid (CAS: 79-33-4)

#### 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria Endocrine-disrupting properties: The product fails to meet the criteria.

\*\* Changes with regards to the previous version

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

#### 3.1 Substance:

- Non-applicable
- 3.2 Mixture:



#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\* (continued) Chemical description: Mixture composed of chemical products **Components:** In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains: Identification Chemical name/Classification Concentration CAS: L-(+)-lactic acid<sup>(1)</sup> ATP ATP15 79-33-4 EC: 201-196-2 Index: 607-743-00-5 Regulation 1272/2008 Eye Dam. 1: H318; Skin Corr. 1C: H314; EUH071 - Danger 20 - <25 % REACH: 01-2119474164-39-XXXX CAS: EC: 5949-29-1 611-842-9 Citric Acid monohidrated<sup>(1)</sup> Self-classified Regulation 1272/2008 Eve Irrit, 2: H319 - Warning 5 - <8 % Index: Non-applicable REACH: 01-2119457026-42-(1) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878 To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

#### \*\* Changes with regards to the previous version

# SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures:

Request medical assistance immediately, showing the SDS of this product.

# By inhalation:

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

#### By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

#### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

#### By ingestion/aspiration:

Request immediate medical assistance, showing the SDS of this product. Do not induce vomiting, because its expulsion from the stomach can be hazardous to the mucus of the main digestive tract, and also risk damage to the respiratory system through inhalation. Rinse out the mouth and throat, as they may have been affected during ingestion. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Keep the person affected at rest.

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

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

#### 4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable

# SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media:

#### Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

#### Unsuitable extinguishing media:

Non-applicable

### SECTION 5: FIREFIGHTING MEASURES (continued)

#### 5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

#### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

# 6.1 Personal precautions, protective equipment and emergency procedures:

#### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

#### For emergency responders:

See section 8.

#### 6.2 Environmental precautions:

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

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

# 6.4 Reference to other sections:

See sections 8 and 13.

# SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

#### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

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

C.- Technical recommendations on general occupational hygiene

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

D.- Technical recommendations to prevent environmental risks

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

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

### A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

# SECTION 7: HANDLING AND STORAGE (continued)

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

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

### **DNEL (Workers):**

#### Non-applicable

#### **DNEL (General population):**

#### Non-applicable

### PNEC:

Identification				
Citric Acid monohidrated	STP	1000 mg/L	Fresh water	0,44 mg/L
CAS: 5949-29-1	Soil	33,1 mg/kg	Marine water	0,044 mg/L
EC: 611-842-9	Intermittent	Non-applicable	Sediment (Fresh water)	34,6 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	3,46 mg/kg

# 8.2 Exposure controls:

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

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

#### B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Protective gloves against minor risks	CATI		Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374- 1:2016+A1:2018

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

#### D.- Eye and face protection

	Pictogram	PPE	Labelling	CEN Standard	Remarks
	Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.
E E	Body protection				
	Pictogram	PPE	Labelling	CEN Standard	Remarks
		Work clothing	CATI		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.



		Anti alia wark ahasa			
		Anti-slip work shoes		EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007
F /	Additional emergency	y measures	I		
	Emergency measur	re S	Standards	Emergency measu	ire Standards
	Emergency shower	ISO 3864-1:20	NSI Z358-1 011, ISO 3864-4:2011	Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

# Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 °C:	0 kg/m <sup>3</sup> (0 g/L)
Average carbon number:	Non-applicable
Average molecular weight:	Non-applicable

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemica		
For complete information see the product datash	eet.	
Appearance:		
Physical state at 20 °C:	Liquid	
Appearance:	Transparent	
Colour:	Colourless	
Odour:	Odourless	
Odour threshold:	Non-applicable *	
Volatility:		
Boiling point at atmospheric pressure:	100 °C	
Vapour pressure at 20 °C:	2350 Pa	
Vapour pressure at 50 °C:	12381,01 Pa (12,38 kPa)	
Evaporation rate at 20 °C:	Non-applicable *	
Product description:		
Density at 20 °C:	1080,4 kg/m³	
Relative density at 20 °C:	1,08	
Dynamic viscosity at 20 °C:	1,67 cP	
Kinematic viscosity at 20 °C:	1,54 mm²/s	
Kinematic viscosity at 40 °C:	Non-applicable *	
Concentration:	Non-applicable *	
pH:	Non-applicable *	
Vapour density at 20 °C:	Non-applicable *	
Partition coefficient n-octanol/water 20 °C:	Non-applicable *	



SECT	TION 9: PHYSICAL AND CHEMICAL PROPERTIES	5 (continued)
	Solubility in water at 20 °C:	Non-applicable *
	Solubility properties:	Highly water-soluble
	Decomposition temperature:	Non-applicable *
	Melting point/freezing point:	Non-applicable *
	Flammability:	
	Flash Point:	Non Flammable (>60 °C)
	Flammability (solid, gas):	Non-applicable *
	Autoignition temperature:	Non-applicable *
	Lower flammability limit:	Non-applicable *
	Upper flammability limit:	Non-applicable *
	Particle characteristics:	
	Median equivalent diameter:	Non-applicable
9.2	Other information:	
	Information with regard to physical hazard class	ses:
	Explosive properties:	Non-applicable *
	Oxidising properties:	Non-applicable *
	Corrosive to metals:	Non-applicable *
	Heat of combustion:	Non-applicable *
	Aerosols-total percentage (by mass) of flammable components:	Non-applicable *
	Other safety characteristics:	
	Surface tension at 20 °C:	Non-applicable *
	Refraction index:	Non-applicable *
	*Not relevant due to the nature of the product, not providing inform	mation property of its hazards.

# SECTION 10: STABILITY AND REACTIVITY

# 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### **10.4** Conditions to avoid:

Applicable for handling and storage at room temperature:

	Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity	
	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
10.5	Incompatible materials:					
	Acids	Water	Oxidising materials	Combustible materials	Others	
	Avoid strong acids	Not applicable	Precaution	Not applicable	Avoid alkalis or strong bases	

# **10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

# SECTION 11: TOXICOLOGICAL INFORMATION \*\*



# SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)

### **11.1** Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

#### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
  - Corrosivity/Irritability: Corrosive product, if it is swallowed causes burns destroying the tissues. For more information about secondary effects from skin contact see section 2.
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Above all, skin contact may occur as fabrics of all thicknesses can be destroyed, resulting in burns. For more information on the secondary effects see section 2.
  - Contact with the eyes: Produces serious eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3. IARC: Non-applicable

- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### Other information:

Non-applicable

### Specific toxicology information on the substances:

Identification	Acut	e toxicity	Genus
Citric Acid monohidrated	LD50 oral	3000 mg/kg	Rat
CAS: 5949-29-1	LD50 dermal	>5000 mg/kg	Rat
EC: 611-842-9	LC50 inhalation	Non-applicable	



	Identification	ļ.	Acute toxicity	Genus		
	L-(+)-lactic acid	LD50 oral	3543 mg/kg	Rat		
	CAS: 79-33-4	LD50 dermal	Non-applicable			
	EC: 201-196-2	LC50 inhalation	Non-applicable			
11.2						
11.2						
11.2	Information on other hazards: Endocrine disrupting properties Endocrine-disrupting properties: The product fails to meet the criteria.					
11.2	Endocrine disrupting properties					

# SECTION 12: ECOLOGICAL INFORMATION \*\*

The experimental information related to the eco-toxicological properties of the product itself is not available

### 12.1 Toxicity:

Acute	toxicity:	

	Identification			Concentration		Specie	S	Genus
	L-(+)-lactic acid	LC	C50	320 mg/L (96 h)		Brachydanio	o rerio	Fish
	CAS: 79-33-4	E	C50	240 mg/L (48 h)		Daphnia m	nagna	Crustacean
	EC: 201-196-2	E	C50	3,5 mg/L (70 h)		Selenastrum cap	oricornutun	n Algae
	Citric Acid monohidrated	LC	C50	1516 mg/L (96 h)		Lepomis macrochirus		Fish
	CAS: 5949-29-1		C50	120 mg/L (48 h)		Daphnia magna		Crustacean
	EC: 611-842-9	E	C50	Non-applicable				
12.2	12.2 Persistence and degradability:							
	Identification		Deg	Iradability		Biodegradability		
	Citric Acid monohidrated	BOD5		Non-applicable	Conce	ntration	N	on-applicable
	CAS: 5949-29-1	COD		Non-applicable	Period		5	days
	EC: 611-842-9	BOD5/CO	OD	Non-applicable	% Biodegradable		72 %	
12.3	Bioaccumulative potential:							
	Identification			Bioaccumula		nulation po	otential	
	Citric Acid monohidrated				BCF		3	
	CAS: 5949-29-1				Pow	/ Log	-1.64	
	EC: 611-842-9				Pote	ential	Low	

	Mobility in soil:							
	Identification	Absorption/desorption		Volatility				
	Citric Acid monohidrated	Кос	3.1	Henry	4,3E-14 Pa·m <sup>3</sup> /mol			
	CAS: 5949-29-1	Conclusion	Very High	Dry soil	No			
	EC: 611-842-9	Surface tension	Non-applicable	Moist soil	No			
12.5	Results of PBT and vPvB assessment:							
	Product fails to meet PBT/vPvB criteria							
12.6	Endocrine disrupting properties:							
	Endocrine-disrupting properties: The product fails to meet the criteria.							
	Other adverse effects:							
L <b>2.7</b>	Other adverse effects:							

# SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
20 01 29*	detergents containing hazardous substances	Dangerous

### Type of waste (Regulation (EU) No 1357/2014):

HP8 Corrosive

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

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

# SECTION 14: TRANSPORT INFORMATION \*\*

#### Transport of dangerous goods by land:

\*\* Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -



SECTION 14: TI	RANSPORT II	NFORMATION **	(continued)			
With rega	rd to ADR 2021	and RID 2021:				
Tunnel restri Physico-Che Limited quar		UN number or II UN proper shipp Transport hazar Labels: Packing group: Environmental h Special precauti Special regulations Tunnel restriction Physico-Chemical Limited quantities:	ing name: d class(es): nazards: ons for user s: code: properties:	UN1760 CORROSIVE LIQUID, N.O.S. (L-(+)-lactic acid) 8 8 III No 274 E see section 9 5 L		
	14.7	Maritime transp according to IM instruments:		Non-applicable		
Transpor	t of dangerou	is goods by sea:				
•	rd to IMDG 39-					
-		or ID number:	Non-applicable	٩		
		nipping name:	Non-applicable			
		azard class(es):	Non-applicable			
	Labels:		Non-applicable	e		
	14.4Packing group:N14.5Marine pollutant:N14.6Special precautions for userNSpecial regulations:NEmS Codes:N		Non-applicable			
			No			
14.6						
			Non-applicable	9		
		ical properties:	see section 9			
	Limited quanti		Non-applicable			
	Segregation g	•	Non-applicable			
14./	according to		Non-applicable	5		
Transpor		is goods by air:				
With rega	rd to IATA/ICA	0 2022:				
14.1	UN number o	or ID number:	Non-applicable	e		
14.2	UN proper sl	nipping name:	Non-applicable			
14.3	Transport ha	zard class(es):	Non-applicable	e		
	Labels:		Non-applicable			
	Packing grou	•	Non-applicable	e		
	Environment		No			
14.6		autions for user ical properties:	see section 9			
14.7 Maritime transport in bulk Non-applicab according to IMO instruments:			Non-applicable	2		
** Changes with reg	anda ta tha ana	viewe werelen				

\*\* Changes with regards to the previous version

# SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable



# SECTION 15: REGULATORY INFORMATION (continued)

# Article 95, REGULATION (EU) No 528/2012:

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

### Regulation (EC) No 648/2004 on detergents:

In accordance with this regulation the product complies with the following:

The tensoactives contained in this mixture comply with the biodegradibility criteria stipulated in Regulation (EC)  $n^{0}648/2004$  on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

# Seveso III:

Non-applicable

# Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Shall not be used in:

---ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,

-tricks and jokes,

-games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

# Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

### Other legislation:

The product could be affected by sectorial legislation

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents

- Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII

- Commission Regulation (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)

# 15.2 Chemical safety assessment:

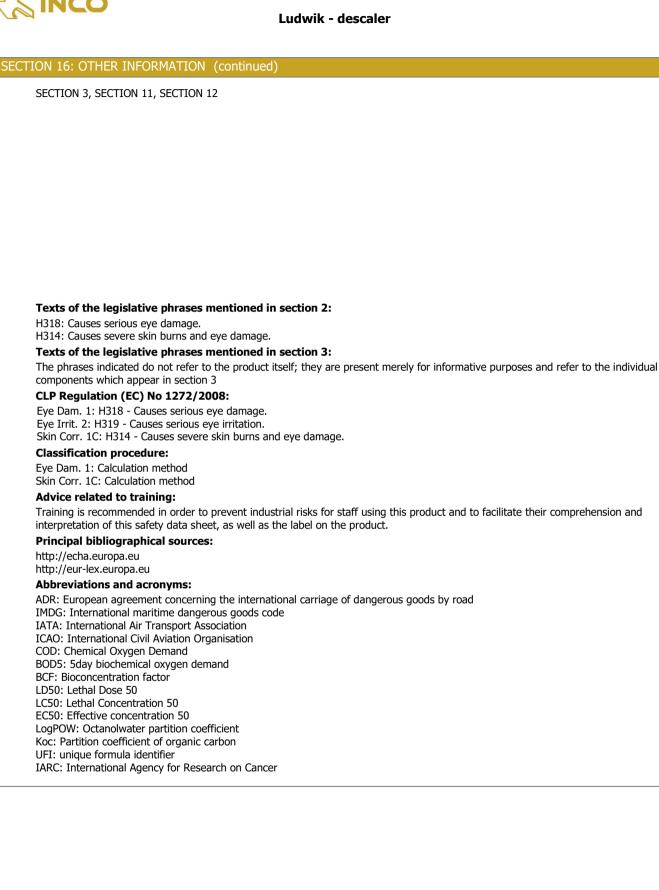
The supplier has not carried out evaluation of chemical safety.

# SECTION 16: OTHER INFORMATION

# Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:



The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -