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	Safety Data Sheet ding to Annex II to REACH - Regulation 2015/830 stance/mixture and of the company/under	taking		
SECTION 1. Identification of the sub-	stance/mixture and of the company/under	taking		
1.1. Product identifier Product name	HYGI GEL			
1.2. Relevant identified uses of the substance or mixture and uses advised against Intended use Sanitizing hand wash gel				
1.3. Details of the supplier of the safety data sheet	•			
Name Full address District and Country	AR-CO CHIMICA S.R.L. Via Canalazzo , 22/24 41036 MEDOLLA (MO) ITALY			
	Tel. 0535-58890			
	Fax 0535-58898			
e-mail address of the competent person				
responsible for the Safety Data Sheet Product distribution by:	laboratorio@arcochimica.it AR-CO CHIMICA S.R.L.			
1.4. Emergency telephone number For urgent inquiries refer to	Numeri telefonici dei principali Centri Antiveleni italiani Centro Antiveleni di Milano 02 66101029 (CAV Ospedalo (H24) Centro Antiveleni di Pavia 0382 24444 (CAV IRCCS Fon Centro Antiveleni di Bergamo 800 883300 (CAV Ospedal Centro Antiveleni di Firenze 055 7947819 (CAV Ospedal Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Centro Antiveleni di Napoli 081 7472870 (CAV Ospedalo AR-CO CHIMICA S.R.L.: +39 053547141 (ORE UFFICIO / OFFICE HOURS 08:0	e Niguarda Ca` Granda -Milano) dazione Maugeri - Pavia) Ili Riuniti - Bergamo) le Careggi - Firenze) Gemelli - Roma) o Umberto I - Roma) e Cardarelli - Napoli)		
SECTION 2 Hazards identification				

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:	
Flammable liquid, category 3	H226
Eye irritation, category 2	H319

Flammable liquid and vapour. Causes serious eye irritation.

2.2. Label elements

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L				
Hazard labelling pursua	at to EC Regulation 1272/2008 (C	LP) and subsequent amendments and	supplements	
			supplements.	
Hazard pictograms:	•			
	$\mathbf{\vee}$			
Signal words:	Warning			
Ognar words.	Warning			
Hazard statements:				
H226	Flammable liquid and vapour			
H319	Causes serious eye irritation			
Precautionary statement	s:			
P210		rfaces, sparks, open flames and other	ignition sources. No sm	noking.
P370+P378 P337+P313	In case of fire: use water to e If eye irritation persists: Get r			
P261 P312	Avoid breathing vapours Call a POISON CENTRE OF	R doctor if you feel unwell.		
P403+P233		ce. Keep container tightly closed.		
Ingredients according to	Regulation (EC) No. 648/2004			
perfumes				
2.3. Other hazards				
On the basis of available	e data, the product does not conta	in any PBT or vPvB in percentage grea	ater than 0,1%.	
SECTION 3. Co	mposition/information	on ingredients		
INGREDIENTS: INCI NAME				
	JA, HYDROXYETHYLCELLULOS	SE, , GLYCERIN, PEG-PPG 20/6, PEG	3 75 LANOLIN, PARFU	M, CITRIC ACID
3.2. Mixtures				
Contains:				
Identification	x = Conc. %	Classification 1272/2008 (CLP)		
ETANOLO				
CAS 64-17-5	65 ≤ x < 75	Flam. Liq. 2 H225, Eye Irrit. 2 H319)	
EC 200-578-6				
INDEX 603-002-00-5				
Reg. no. 01-2119457				
METHYL ETHYL KET	UNE			

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CAS 78-93-3 EC 201-159-0 INDEX 606-002-00-3 Reg. no. 01-2119457290-43 0,6 ≤ x < 0,7 Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066

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: Unnecessary

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Excess pressure may form in containers exposed to fire at a risk of explosion. 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

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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.

Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site.

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

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment.

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. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. 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
ESP	España	LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST)
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition, published 2018)
GRC	Ελλάδα	ΕΦΗΜΕΡΙ∆Α ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ - ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 152 - 21 Αυγούστου 2018
ITA	Italia	DIRETTIVA (UE) 2017/164 DELLA COMMISSIONE del 31 gennaio 2017

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NOR	Norgo		Footoott ov Arbo	ida og oppielden	artamantat 21. au	quat 2018 mod	hiammal i la	v 17. juni 2005 pr. 62	
	Norge		arbeidsmiljø, arb	eidstid, stillingsve	ern mv. (arbeidsm	iljøloven) § 1-3,	§ 1-4 og § 4		
PRT	Portugal							natéria de protecção d a agentes químicos r	
EU	OEL EU				série - N.º 111 - /e (EU) 2017/164:			ective 2006/15/EC; Di	rective
	TLV-ACGIH				C; Directive 91/32		,	,	
ETANOLO									
Threshold Type	Limit Value	Country	TWA/8h		STEL/15min		Rema	arks /	
,) po		obuility	mg/m3	ppm	mg/m3	ppm		rvations	
AGW		DEU	960	500	1920	1000			
MAK		DEU	960	500	1920	1000			
VLA		ESP			1910	1000			
VLEP		FRA	1900	1000	9500	5000			
WEL		GBR	1920	1000					
TLV		GRC	1900	1000					
TLV		NOR	950	500					
TLV-ACGIH					1884	1000			
Predicted no-	effect concentration	n - PNEC							
Normal value	in fresh water				0,96	mg	J/I		
Normal value	in marine water				0,79	mg	J/I		
Normal value for fresh water sediment			3,6	mg	j/kg				
Normal value	for marine water s	ediment			2,9	mg	g/kg		
Normal value	of STP microorgar	nisms			580	mg	ı/l		
Normal value	for the food chain	(secondary poisor	ning)		0,38	g/k	.g		
Normal value	for the terrestrial c	ompartment			0,63	mg	j/kg		
Health - De	erived no-effect	level - DNEL / I Effects on	OMEL			Effects on			
		consumers				workers			
Route of expo	osure	Acute local	Acute systemic	Chronic local	Chronic systemic 87 mg/kg	Acute local	Acute systemic	Chronic local	Chronic systemic
					bw/d		950		050 m m/m 2
Inhalation Skin					114 mg/m3		950		950 mg/m3 343 mg/kg
					bw/d				bw/d
	THYL KETONE								
Threshold Type	Limit Value	Country	TWA/8h		STEL/15min		Rema	arks /	
. , po		Country						rvations	
AGW		DEU	mg/m3 600	200	mg/m3 600	200	SKIN		
MAK		DEU	600	200	600	200	SKIN		
VLA		ESP	600	200	900	300	GRIN		
VLA		FRA	600	200	900	300	SKIN		
		GBR	600	200	899	300	SKIN		
		OBK	000	200	033	500	Grin		
WEL TLV		GRC	600	200	900	300			

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TLV	NOR	220	75					
VLE	PRT	600	200	900	300			
OEL	EU	600	200	900	300			
TLV-ACGIH		590	200	885	300			
Predicted no-effect concentre	ration - PNEC							
Normal value in fresh water				55,8	mg	ı/I		
Normal value in marine wate	er			55,8	mg	ı/I		
Normal value for fresh water	r sediment			284,74	mg	/kg/d		
Normal value for marine water sediment				284,7	mg	/kg/d		
Normal value of STP microorganisms				709	mg	/I		
Normal value for the food chain (secondary poisoning)				1000	mg	/kg		
Normal value for the terrestrial compartment				22,5	mg	/kg/d		
Health - Derived no-eff	ect level - DNEL / [OMEL						
	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				31 mg/kg bw/d				.,
Inhalation				106 mg/m3				600 mg/m3
Skin				412 mg/kg bw/d				1161 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

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

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.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION Unnecessary

SKIN PROTECTION Unnecessary

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

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.

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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	colourless
Odour	ALCOHOLIC
Odour threshold	Not available
рН	7
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	38 °C
Evaporation Rate	Not available
Flammability of solids and gases	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

9.2. Other information

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

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

METHYL ETHYL KETONE

Reacts with: light metals, strong oxidants. Attacks various types of plastic materials. Decomposes under the effect of heat.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

ETANOLO

Risk of explosion on contact with: alkaline metals,alkaline oxides,calcium hypochlorite,sulphur monofluoride,acetic anhydride,acids,concentrated hydrogen peroxide,perchlorates,perchloric acid,perchloronitrile,mercury nitrate,nitric acid,silver,silver nitrate,ammonia,silver oxide,ammonia,strong oxidising agents,nitrogen dioxide.May react dangerously with: bromoacetylene,chlorine acetylene,bromine trifluoride,chromium trioxide,chromyl chloride,fluorine,potassium tert-butoxide,lithium hydride,phosphorus trioxide,black platinum,zirconium (IV) chloride,zirconium (IV) iodide.Forms explosive mixtures with: air.

METHYL ETHYL KETONE

May form peroxides with: air,light,strong oxidising agents.Risk of explosion on contact with: hydrogen peroxide,nitric acid,sulphuric acid.May react dangerously with: oxidising agents,trichloromethane,alkalis.Forms explosive mixtures with: air.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

ETANOLO

Avoid exposure to: sources of heat, naked flames.

METHYL ETHYL KETONE

Avoid exposure to: sources of heat.

10.5. Incompatible materials

METHYL ETHYL KETONE

Incompatible with: strong oxidants, inorganic acids, ammonia, copper, chloroform.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

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

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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

Information not available

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

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture: Not classified (no significant component) LD50 (Oral) of the mixture: Not classified (no significant component) LD50 (Dermal) of the mixture: Not classified (no significant component)

ETANOLO

LD50 (Oral) 10470 mg/kg rat

LD50 (Dermal) 17100 mg/kg rabbit

LC50 (Inhalation) 125 mg/l/4h rat

METHYL ETHYL KETONE

LD50 (Oral) 2054 mg/kg rat

LD50 (Dermal) > 10 mg/kg rabbit

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

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RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

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

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

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

ETANOLO LC50 - for Fish EC50 - for Crustacea EC50 - for Algae / Aquatic Plants Chronic NOEC for Crustacea

METHYL ETHYL KETONE LC50 - for Fish EC50 - for Crustacea

EC50 - for Crustacea EC50 - for Algae / Aquatic Plants

12.2. Persistence and degradability

2029 mg/l/96h Pimephales promelas 5012 mg/l/48h Ceriodaphnia dubia 4432 mg/l/72d Lemna gibba 9,6 mg/l Daphnia magna

2993 mg/l/96h Pimephales promelas 308 mg/l/48h Daphnia magna 2029 mg/l/72h Pseudokirchneriella subcapitata

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ETANOLO

Rapidly degradable

METHYL ETHYL KETONE

Rapidly degradable 12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

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 greater than 0,1%.

12.6. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

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

ADR / RID, IMDG, 1993 IATA:

14.2. UN proper shipping name

ADR / RID:	FLAMMABLE LIQUID, N.O.S.
IMDG:	FLAMMABLE LIQUID, N.O.S.
IATA:	FLAMMABLE LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR / RID:

Class: 3 Label: 3



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IMDG:	Class: 3	Label: 3	8		
IATA:	Class: 3	Label: 3	*		
4.4. Packing group			•		
ADR / RID, IMDG, IATA:	III				
4.5. Environmental	hazards				
ADR / RID:	NO				
IMDG:	NO				
IATA:	NO				
4.6. Special precau	tions for user				
ADR / RID:		HIN - Kemler: 30	Limited Quantities: 5 L	Tunnel restriction code: (D/E)	
		Special Provision: -	-		
IMDG:		EMS: F-E, <u>S-E</u>	Limited Quantities: 5 I		
IATA:		Cargo:	L Maximum quantity: 220 L	Packaging instructions: 366	
		Pass.:	L Maximum quantity: 60 L	Packaging instructions: 355	
		Special Instructions:	A3	000	

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: P5c

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

Product Point

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Substances in Candidate List (Art. 59 REACH)

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

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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

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

Regulation (EC) No. 648/2004

Ingredients according to Regulation (EC) No. 648/2004

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

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

Flam. Liq. 2	Flammable liquid, category 2
Flam. Liq. 3	Flammable liquid, category 3
Eye Irrit. 2	Eye irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

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

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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).	
GENERAL BIBLIOGRAPHY I. 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	
 Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament Regulation (EU) 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 ve horoughness of provided information according to each specific use of the product.	rsion. Users must verify the suitability ar
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	v, comply with the current health and safe
aws 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.	
Product's classification is based on the calculation methods set out in Annex I of the CLP Regulation, unless o	therwise indicated in sections 11 and 12.
The data for evaluation of chemical-physical properties are reported in section 9.	
Changes to previous review:	
The following sections were modified: 03.	