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SECTION 1: Identification undertaking	n of the substance/mixture a	and of the company/
· 1.1 Product identifier		
· Trade name: IMPERMEABILIZ	ZANTE SPRAY	
 Sector of Use SU21 Consumer uses: Private SU22 Professional uses: Public craftsmen) Product category PC23 Leath Application of the substance of Hydrophobing agent/ water reper Antiperspirant 	/ the mixture	mers entertainment, services,
• 1.3 Details of the supplier of t • Manufacturer/Supplier: G.B.M. Elettrochimica s.r.l.	he safety data sheet - 47039 Savignano sul Rubicone (F0 0218	
 1.4 Emergency telephone nun Centro Antiveleni di Milano 02 6 Centro Antiveleni di Pavia 0382 Centro Antiveleni di Bergamo 80 Centro Antiveleni di Firenze 055 Centro Antiveleni di Roma 06 30 Centro Antiveleni di Roma 06 49 Centro Antiveleni di Napoli 081 Centro Antiveleni di Foggia 088 	6101029 (CAV Ospedale Niguarda C 24444 (CAV IRCCS Fondazione Ma 00 883300 (CAV Ospedali Riuniti - Be 7947819 (CAV Ospedale Careggi - 054343 (CAV Policlinico Gemelli - Ro 9978000 (CAV Policlinico Umberto I - 7472870 (CAV Ospedale Cardarelli - 1 732326 (CAV Ospedale Univ Fog 8593726 (CAV Osp. Pediatrico Bamb	ugeri - Pavia) ergamo) Firenze) oma) - Roma) Napoli) ggia)
SECTION 2: Hazards ide	ntification	
		container: May burst if heated.
GHS07		
-	es serious eye irritation.	
	ause drowsiness or dizziness.	
 • 2.2 Label elements • Labelling according to Regula The product is classified and lab 	ation (EC) No 1272/2008 belled according to the CLP regulation	<i>n.</i> (Contd. on page 2) _{GB} —

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· Hazard pictograms



- · Signal word Danger
- · Hazard-determining components of labelling:

acetone

Hazard statements

- H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- · Precautionary statements
- P103 Read label before use.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- · Additional information:
- EUH066 Repeated exposure may cause skin dryness or cracking.
- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

 Dangerous components: 		
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-	acetone	40-60%
CAS: 68476-40-4 EINECS: 270-681-9 Reg.nr.: 01-2119486557-22	Hydrocarbons, C3-4 Flam. Gas 1, H220; Flam. Liq. 1, H224; Press. Gas (Comp.), H280	40-60%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol 🚸 Flam. Liq. 2, H225; 🐠 Eye Irrit. 2, H319	5-15%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-	n-butyl acetate 🚸 Flam. Liq. 3, H226; 🐠 STOT SE 3, H336	2-5%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-	propan-2-ol Flam. Liq. 2, H225; (1) Eye Irrit. 2, H319; STOT SE 3, H336	2-5%
· Additional information: For	the wording of the listed hazard phrases refer to section 16.	GR

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SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information:

Rescue workers must wear the protective equipment described in section 8.2 of this safety data sheet.

- · After inhalation: Supply fresh air.
- · After skin contact: Immediately rinse with water.
- After eye contact:
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 After swallowing:
- Rinse your mouth well

Do not induce vomiting; call for medical help immediately.

- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- · 5.3 Advice for firefighters
- · Protective equipment:

See Section 8 for information on personal protection equipment.

See Section 8 for information on personal protection equipment.

· Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

- · 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Send for recovery or disposal in suitable receptacles. Ensure adequate ventilation.
- 6.4 Reference to other sections
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, *i.e.* electric lights. Do not pierce or burn, even after use.

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Safety data sheet

according to 1907/2006/EC, Article 31

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 7.2 Conditions for safe storage 	, including any incompatibilities
---	-----------------------------------

- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- Observe official regulations on storing packagings with pressurised containers. • Information about storage in one common storage facility: Not required.
- Further information about storage conditions:
- Keep container tightly sealed.
- Protect from heat and direct sunlight.
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

67-64-1 acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm

64-17-5 ethanol

WEL Long-term value: 1920 mg/m³, 1000 ppm

- 123-86-4 n-butyl acetate
- WEL Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm

67-63-0 propan-2-ol

WEL Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm

· DNELs

67-64-1 acetone			
Dermal	Long term, systemic effect	186 mg/kg bw/day (professional workers)	
		2,420 mg/m3 (professional workers)	
	Long term, local effect	1,210 mg/m3 (professional workers)	
64-17-5 et	thanol		

64-17-5 ethanol Oral Long term, systemic effect 87 mg/kg (general population) Dermal Long term, systemic effect 206 mg/kg (general population) 343 mg/kg (professional worker)

Dermal	Long term, systemic effect	206 mg/kg (general population)		
		343 mg/kg (professional workers)		
Inhalative	Short term, local effect	950 mg/m3 (general population)		
		1,900 mg/m3 (professional workers)		
	Long term, systemic effect	114 mg/m3 (general population)		
		950 mg/m3 (professional workers)		
123-86-4 1	n-butyl acetate			
Inhalative	Long term (repeated)	102 mg/m3 (general population)		
		480 mg/m3 (professional workers)		
	Long term, local effect	859 mg/m3 (general population)		
		960 mg/m3 (professional workers)		
67-63-0 propan-2-ol				
Oral	Long term, systemic effect	26 mg/kg bw/day (general population)		
Dermal	Long term, systemic effect	319 mg/kg bw/day (general population)		
		888 mg/kg bw/day (professional workers)		

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minarat	ive Long term, systemic effect 89 mg/m3 (general population)
	500 mg/m3 (professional workers)
PNEC	
	acetone
PNEC	30.4 mg/kg (fresh water sediments)
	3.04 mg/kg (marine water sediments)
PNEC	10.6 mg/l (freshwater)
	21 mg/l (intermittent releases)
	1.06 mg/l (marine water)
	100 mg/l (sewage treatment plant)
-	5 ethanol
PNEC	2.9 mg/kg (marine water sediments)
	0.63 mg/kg (soil)
PNEC	3.6 mg/l (freshwater)
	284.74 mg/l (fresh water sediments)
	580 mg/l (sewage treatment plant)
67-63-	0 propan-2-ol
PNEC	140.9 mg/l (freshwater)
	140.9 mg/l (fresh water sediments)
	140.9 mg/l (intermittent releases)
	140.9 mg/l (marine water)
	552 mg/l (marine water sediments)
	28 mg/l (soil)
	2,251 mg/l (sewage treatment plant)
Additie	onal information: The lists valid during the making were used as basis.
	onal information: The lists valid during the making were used as basis.
8.2 Ex	posure controls
8.2 Ex Persoi	
8.2 Ex Person Genera Keep a	posure controls nal protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed.
8.2 Exp Person Genera Keep a Wash	posure controls nal protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed. hands before breaks and at the end of work.
8.2 Exp Person Genera Keep a Wash I Avoid d	posure controls nal protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed. hands before breaks and at the end of work. contact with the eyes and skin.
8.2 Ex Person Genera Keep a Wash I Avoid o Respi r	posure controls That protective equipment: al protective and hygienic measures: Iway from foodstuffs, beverages and feed. Thands before breaks and at the end of work. Contact with the eyes and skin. Tatory protection: Use suitable respiratory protective device in case of insufficient ventilate.
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8.2 Exp Person Genera Keep a Wash I Avoid o Respir Protec The glo prepara Selecti degrad	posure controls nal protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed. hands before breaks and at the end of work. contact with the eyes and skin. ratory protection: Use suitable respiratory protective device in case of insufficient ventilation tion of hands: by material has to be impermeable and resistant to the product/ the substance/ the ation. on of the glove material on consideration of the penetration times, rates of diffusion and the lation.
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8.2 Exp Person Genera Keep a Wash I Avoid o Respir Protec The glo prepara Selecti degrad Only us Materia	posure controls nal protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed. hands before breaks and at the end of work. contact with the eyes and skin. ratory protection: Use suitable respiratory protective device in case of insufficient ventilat. tion of hands: by material has to be impermeable and resistant to the product/ the substance/ the ation. on of the glove material on consideration of the penetration times, rates of diffusion and the lation.
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8.2 Exp Person Genera Keep a Wash I Avoid o Respir Protec The glo prepara Selecti degrad Only us Materia Butyl ru The se of qual	posure controls nal protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed. hands before breaks and at the end of work. contact with the eyes and skin. contact with the eyes and skin. catory protection: Use suitable respiratory protective device in case of insufficient ventilation of hands: ove material has to be impermeable and resistant to the product/ the substance/ the ation. on of the glove material on consideration of the penetration times, rates of diffusion and the lation se EN 374-3 certified protective gloves against chemical agents. al of gloves ubber, BR lection of the suitable gloves does not only depend on the material, but also on further mani- ity and varies from manufacturer to manufacturer. As the product is a preparation of several
8.2 Exp Person Genera Keep a Wash I Avoid o Respir Protec The glo prepara Selecti degrad Only us Materia Butyl ru The se of qual substa	bosure controls al protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed. hands before breaks and at the end of work. contact with the eyes and skin. atory protection: Use suitable respiratory protective device in case of insufficient ventilate tion of hands: by material has to be impermeable and resistant to the product/ the substance/ the ation. on of the glove material on consideration of the penetration times, rates of diffusion and the lation se EN 374-3 certified protective gloves against chemical agents. al of gloves Jbber, BR lection of the suitable gloves does not only depend on the material, but also on further mani- ity and varies from manufacturer to manufacturer. As the product is a preparation of severa- nces, the resistance of the glove material can not be calculated in advance and has therefore the suitable of the glove material can not be calculated in advance and has therefore the suitable of the glove material can not be calculated in advance and has therefore the suitable glove material can not be calculated in advance and has therefore the suitable glove material can not be calculated in advance and has therefore the suitable glove material can not be calculated in advance and has therefore the suitable glove material can not be calculated in advance and has therefore the suitable glove material can not be calculated in advance and has therefore the suitable glove material can not be calculated in advance and has therefore the suitable glove material can not be calculated in advance and has the suitable glove material can not be calculated in advance and has therefore the suitable glove material can not be calculated in advance and has therefore the suitable glove material can not be calculated in advance and has therefore the suitable glove material can be the suitable glove material can be the glove material can be the suitable glove advance and has the suitable glove material can be the glove material can be the su
8.2 Exp Person Genera Keep a Wash I Avoid o Respir Protec The glo prepara Selecti degrad Only us Materia Butyl ru The se of qual substat to be c	bosure controls al protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed. hands before breaks and at the end of work. contact with the eyes and skin. atory protection: Use suitable respiratory protective device in case of insufficient ventilate tion of hands: by material has to be impermeable and resistant to the product/ the substance/ the ation. on of the glove material on consideration of the penetration times, rates of diffusion and the lation se EN 374-3 certified protective gloves against chemical agents. al of gloves Jbber, BR lection of the suitable gloves does not only depend on the material, but also on further mani- ity and varies from manufacturer to manufacturer. As the product is a preparation of sever- nces, the resistance of the glove material can not be calculated in advance and has therefore hecked prior to the application.
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8.2 Exp Person General Keep a Wash I Avoid o Respir Protec The glo prepara Selecti degrad Only us Materia Butyl n The se of qual substat to be c Recom Penetr The ex has to	posure controls nal protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed. hands before breaks and at the end of work. contact with the eyes and skin. atory protection: Use suitable respiratory protective device in case of insufficient ventilati- tion of hands: by material has to be impermeable and resistant to the product/ the substance/ the ation. on of the glove material on consideration of the penetration times, rates of diffusion and the fation se EN 374-3 certified protective gloves against chemical agents. al of gloves ubber, BR lection of the suitable gloves does not only depend on the material, but also on further mar- ity and varies from manufacturer to manufacturer. As the product is a preparation of severa- nces, the resistance of the glove material can not be calculated in advance and has therefor hecked prior to the application. mended thickness of the material: ≥ 0.2 mm

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· Eye protection:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

0.1 Information on basis physical and	abamical proparties
9.1 Information on basic physical and General Information	chemical properties
· Appearance:	
Form:	Aerosol
Colour:	Colourless
· Odour:	Pleasant
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range	: Not applicable, as aerosol.
· Flash point:	10 °C
· Flammability (solid, gas):	Not applicable.
· Explosive properties:	Not determined.
· Explosion limits:	
Lower:	1.8 Vol %
Upper:	9.5 Vol %
· Vapour pressure at 20 °C:	3.2 hPa
· Density:	Not determined.
· Relative density at 20 °C	0.7 kg/l
	Not determined.
 Vapour density at 20 °C 	>2 g/cm ³ (propellente)
· Evaporation rate	Not applicable.
 Solubility in / Miscibility with 	
water:	Soluble.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
 9.2 Other information 	No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid Excessive variations in temperature, below 0 ° C and above 40 ° C excessive variations in temperature, below 0 ° C and above 45 ° C
- \cdot 10.5 Incompatible materials: Avoid contact with acids and oxidants.

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(Contd. of page 6) • **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

• Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:		
67-64-1 acetone		
Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50	20,000 mg/kg (rabbit)
64-17-5 ei	thanol	
Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)
123-86-4	123-86-4 n-butyl acetate	
Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21 mg/l (rat)
67-63-0 propan-2-ol		
Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h	27.2 mg/l (mouse) (Esposizione 4 h)
		72.6 mg/l (rat) (Esposizione 4 h)
· Primary irritant effect:		

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

· Serious eye damage/irritation

Causes serious eye irritation.

· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

· CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

• Germ cell mutagenicity Based on available data, the classification criteria are not met.

· Carcinogenicity Based on available data, the classification criteria are not met.

· Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

· STOT-repeated exposure Based on available data, the classification criteria are not met.

· Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

67-64-1 acetone

CL50 8,120 mg/l (fish) (Esposizione 96 h)

EC50 6,098 mg/l (daphnia) (Esposizione 48 h)

67-63-0 propan-2-ol

CL50 1,400 mg/l (fish) (Esposzione 96 h)

EC50 2,285 mg/l (daphnia) (Esposzione 48 h)

· 12.2 Persistence and degradability No further relevant information available.

• 12.3 Bioaccumulative potential Non significant accumulation in organisms

• 12.4 Mobility in soil No further relevant information available.

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· Additional ecological information:

· General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· 12.5 Results of PBT and vPvB assessment

- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Do not discard the product or its packaging. Do not empty into drains. Recycle the product. When recycling is not possible, dispose through an authorized company in compliance with the local or national regulations. The assignment of the waste code is the user's responsibility, after determining the properties of the waste and the process generating it and after discussing it with the authorities responsible for disposal.

· Uncleaned packaging:

· Recommendation:

Empty the containers before disposal. Do not reuse the emptied containers. Send the empty containers to recycling or to an authorized company in compliance with local and national regulations.

14.1 UN-Number ADR, IMDG, IATA	UN1950	
14.2 UN proper shipping name		
ADR	1950 AEROSOLS	
IMDG	AEROSOLS	
ΙΑΤΑ	AEROSOLS, flammable	
14.3 Transport hazard class(es)		
ADR		
Class	2 5F Gases.	
Label	2.1	
IMDG, IATA		
Class	2.1	
Label	2.1	
14.4 Packing group		
ADR, IMDG, IATA	Void	

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 14.5 Environmental hazards: Marine pollutant: 	No
 14.6 Special precautions for user Danger code (Kemler): EMS Number: Stowage Code 	Warning: Gases. - F-D,S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as
 • 14.7 Transport in bulk according to Ann of Marpol and the IBC Code 	for the appropriate subdivision of class 2. Not applicable .
· Transport/Additional information:	
ADR Limited quantities (LQ) Excepted quantities (EQ) Transport category	1L Code: E0 Not permitted as Excepted Quantity 2
· Tunnel restriction code	D
 IMDG Limited quantities (LQ) Excepted quantities (EQ) 	1L Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

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

Safety data sheet prepared in accordance with Regulation 1907/2006/EC Article 31, Regulation (EU) No 830/2015 as subsequent amendments.

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P3a FLAMMABLE AEROSOLS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific (Contd. on page 10)

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(Contd. of page 9) material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
· Relevant phrases
H220 Extremely flammable gas.
H224 Extremely flammable liquid and vapour.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
· Classification according to Regulation (EC) No 1272/2008
As required by Regulation 1272/2008/CE art. 9, the classification of this compound is based on the
calculation method taken from the data of the single substances therein and from the experimental
data of this compound where available (viewable in sections 9, 11 and 12 in this document).
Procedure used for the classification of the mixture
Eye Irrit. 2, H319 - Calculation method STOT SE 3, H336 - Calculation method
Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the
International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Gas 1: Flammable gases – Category 1
Aerosol 1: Aerosols – Category 1
Press. Gas (Comp.): Gases under pressure – Compressed gas
Flam. Liq. 1: Flammable liquids – Category 1
Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 GB