Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.06.2025 *Version number 7 (replaces version 6)* *Revision: 30.06.2025*

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· **1.1 Product identifier**

· **Trade name: DRY 5**

· **Article number:** G01-023/024
· **UFI:** NK50-U0AS-800X-NNSY
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
· **Life cycle stages**
PW Widespread use by professional workers
IS Use at industrial Sites
· **Product category** PC35 Washing and cleaning products (including solvent based products)
· **Application of the substance / the mixture** Spotting agent for industrial laundry
· **Uses advised against** Any use other than those identified is not recommended.

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
G.B.M. Elettrochimica s.r.l.
via Fiumicino S. Mauro 120/130 - 47039 Savignano sul Rubicone (FC)
tel. 0541/930058 - Fax 0541/810218
www.gbmprodottichimici.it - E-mail gbm@prodottichimici.it

· **Further information obtainable from:** info@gbmprodottichimici.it
· **1.4 Emergency telephone number:** G.B.M. Elettrochimica srl - Tel. +39 0541 930058 (office hours)

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
· **Hazard pictograms**

GHS05 GHS07

· **Signal word** Danger

· **Hazard-determining components of labelling:**
2-butoxyethanol
2-Propylheptanolethoxylate
C9-11 Alcohol ethoxylate, 5.5EO

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· **Hazard statements**
H332 Harmful if inhaled.
H315 Causes skin irritation.
H318 Causes serious eye damage.
· **Precautionary statements**
P280 Wear protective gloves / eye protection / face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P404 Store in a closed container.
· **Additional information:**

· **Regulation (EC) No 648/2004 on detergents / Indication of content**	
non-ionic surfactants	<5%

· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:**
According to the available data, the product does not contain any PBT substances in a proportion ≥ 0.1%.
· **vPvB:** According to the available data, the product does not contain vPvB substances in a proportion ≥ 0.1%.
· **Determination of endocrine-disrupting properties**
The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or more;

SECTION 3: Composition/information on ingredients

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

· **Dangerous components:**		
CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 Reg.nr.: 01-2119475108-36-xxxx	2-butoxyethanol Acute Tox. 3, H331; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 ATE: LD50 oral: 1,200 mg/kg LC50/4 h inhalative: 3 mg/l	25-40%
CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3 Reg.nr.: 01-2119457435-35	1-methoxy-2-propanol Flam. Liq. 3, H226; STOT SE 3, H336	15-25%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25-	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	5-15%
CAS: 112-34-5 EINECS: 203-961-6 Index number: 603-096-00-8 Reg.nr.: 01-2119456811-38	2-(2-butoxyethoxy)ethanol Eye Irrit. 2, H319	5-15%

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CAS: 2052-15-5 EINECS: 218-143-4	Butyl 4-oxopentanoate Skin Irrit. 2, H315; Eye Irrit. 2, H319	5-15%
CAS: 68439-46-3 Reg.nr.: Esentato	C9-11 Alcohol ethoxylate, 5.5EO Eye Dam. 1, H318	2-5%
CAS: 160875-66-1	2-Propylheptanolethoxylate Eye Dam. 1, H318	1-2%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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.
· **IF INHALATED:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:**
Rinse out mouth and then drink plenty of water.
If ingested do not induce vomiting, seek medical assistance showing the safety data sheet or the hazard label
· **4.2 Most important symptoms and effects, both acute and delayed**
Eyes: corrosive, corneal damage, irritation
Skin: irritation
· **4.3 Indication of any immediate medical attention and special treatment needed**
If any symptoms appear and/or if in doubt, contact a physician and provide this MSDS.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:** CO2, powder or water spray. Fight larger fires with water spray.
· **For safety reasons unsuitable extinguishing agents:**
Do not use water jets that can cause the spread and extension of fire.
· **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
Nitrogen oxides (NOx)
Under certain fire conditions, traces of other toxic gases cannot be excluded.
· **5.3 Advice for firefighters**
· **Protective equipment:**
As in any fire, wear self-contained breathing apparatus and appropriate protective clothing including gloves and eye / face protection.
See Section 8 for information on personal protection equipment.
Mouth respiratory protective device.

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· **Additional information**
Do not inhale gases resulting from explosions and fires. Cool containers with jets of water to prevent decomposition of the product and the development of substances potentially hazardous to health.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
See Section 8 for information on personal protection equipment.
Wear suitable protective clothing, gloves and eye / face protection.
· **For non-emergency personnel**
Provide adequate ventilation and move away from the danger area. For personal protection, see section 8.
· **For emergency responders**
The intervention personnel must wear appropriate personal protective equipment (overalls, gloves, goggles and dust mask). Keep non-emergency personnel away from the affected area.
· **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to section 13.
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**
You should follow the usual precautions for handling chemical products
See Section 8 for information on personal protection equipment.
Prevent formation of aerosols.
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with eyes and skin.
· **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Emergency cooling must be available in case of nearby fire.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Keep only in the original container. Store in a ventilated place, away from sources of ignition. Keep containers tightly closed. Keep product in clearly labeled containers. Avoid overheating. Avoid violent shocks. Keep containers away from any incompatible materials, checking section 10.
Store only in the original receptacle.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
· **7.3 Specific end use(s)** No further data; see section 1.2.

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SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**	
CAS: 111-76-2 2-butoxyethanol (25-40%)	
OEL	Short-term value: 246 mg/m³, 50 ppm Long-term value: 98 mg/m³, 20 ppm Skin, IOELV
CAS: 107-98-2 1-methoxy-2-propanol (15-25%)	
OEL	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm IOELV
CAS: 57-55-6 Propylene glycol (15-25%)	
OEL	Long-term value: 470* 10** mg/m³, 150* ppm *total vapour and particulates **particulates
CAS: 67-63-0 propan-2-ol (5-15%)	
OEL	Short-term value: 400 ppm Long-term value: 200 ppm Skin
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol (5-15%)	
OEL	Short-term value: 101.2 mg/m³, 12 ppm Long-term value: 67.5 mg/m³, 10 ppm IOELV

· **Regulatory information** OEL: 2024 CoP for the Safety, Health and Welfare at Work

· **DNELs**		
CAS: 111-76-2 2-butoxyethanol		
Oral	Long term, systemic effect	6.3 mg/kg bw/day (general population)
Dermal	Long term, systemic effect	75 mg/kg bw/day (general population)
		125 mg/kg bw/day (professional workers)
Inhalative	Short term, local effect	147 mg/m3 (general population)
		246 mg/m3 (professional workers)
	Short term, systemic effect	426 mg/m3 (general population)
		652 mg/m3 (professional workers)
	Long term, systemic effect	59 mg/m3 (general population)
		98 mg/m3 (professional workers)
	Lungo termine, effetti sistemici	67.5 mg/Kg bw/day (professional workers)
CAS: 107-98-2 1-methoxy-2-propanol		
Dermal	Long term, local effect	50.6 mg/kg (professional workers)
CAS: 57-55-6 Propylene glycol		
Oral	Long term, systemic effect	24 mg/kg (general population)
Dermal	Long term, systemic effect	51 mg/kg (general population)
		84 mg/kg (professional workers)
Inhalative	Long term, systemic effect	70 mg/m3 (general population)
		238 mg/m3 (professional workers)

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CAS: 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)
Inhalative	Long term, systemic effect	89 mg/m3 (general population)
		500 mg/m3 (professional workers)

· **PNECs**	
CAS: 111-76-2 2-butoxyethanol	
PNEC	34.6 mg/kg (fresh water sediments)
	3.46 mg/kg (marine water sediments)
	2.33 mg/kg (soil)
PNEC	8.8 mg/l (freshwater)
	9.1 mg/l (intermittent releases)
	0.88 mg/l (marine water)
	463 mg/l (sewage treatment plant)
CAS: 107-98-2 1-methoxy-2-propanol	
PNEC	10 mg/l (freshwater)
	1 mg/l (marine water)
CAS: 57-55-6 Propylene glycol	
PNEC	572 mg/kg (fresh water sediments)
	57.2 mg/kg (marine water sediments)
	50 mg/kg (soil)
PNEC	260 mg/l (freshwater)
	183 mg/l (intermittent releases)
	26 mg/l (marine water)
	20,000 mg/l (sewage treatment plant)
CAS: 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)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
· **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.

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· **Hand protection**

Protective gloves

· **Material of gloves**
Nitrile rubber, NBR
Neoprene gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**
Breakthrough time:> = 480 min - Material thickness:> = 0.7 mm
Breakthrough time:> = 60 min - Material thickness:> = 0.5 mm
Breakthrough time:> = 30 min - Material thickness:> = 0.2 mm
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**

Tightly sealed goggles

· **Environmental exposure controls** Observe safety measures related to the environment; refer to Section 6.2.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**
· **General Information**

· **Physical state**	Liquid
· **Colour:**	Colourless
· **Odour:**	Characteristic
· **Odour threshold:**	Not determined.
· **Melting point/freezing point:**	Not relevant for product characterisation.
· **Boiling point or initial boiling point and boiling range**	100 °C
· **Flammability**	Non-flammable (mixture in aqueous solution).
· **Lower and upper explosion limit**	
· **Lower:**	Not applicable (the product has no explosive properties).
· **Upper:**	Not applicable (the product has no explosive properties).
· **Flash point:**	non flammable
· **Auto-ignition temperature:**	Not applicable. The product has no flammable properties.
· **Decomposition temperature:**	Not determined as not relevant for product characterisation.
· **pH**	Mixture is non-polar/aprotic.
· **Viscosity:**	
· **Kinematic viscosity**	Not applicable.
· **Dynamic:**	Not determined as not relevant for product characterisation.

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· **Solubility**	
· **water:**	Soluble.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure at 20 °C:**	23 hPa
· **Density and/or relative density**	
· **Density at 20 °C:**	0.905 - 0.945 g/cm³
· **Vapour density**	Not determined as not relevant for product characterisation.

· **9.2 Other information**	
· **Appearance:**	
· **Form:**	Liquid
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Solvent content:**	
· **VOC (EC)**	93 - 97
· **Evaporation rate**	Not determined as not relevant for product characterisation.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No hazardous reactions when stored and handled according to instructions
· **10.2 Chemical stability** The product is stable under normal conditions of use and storage
· **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
· **10.5 Incompatible materials:** Avoid contact with acids and oxidants.
· **10.6 Hazardous decomposition products:**
When heated or in case of fire can release gases and vapors which are dangerous to health.
carbon monoxide, carbon dioxide
Nitrogen oxides (NOx)
No dangerous decomposition products known.

SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity**
Harmful if inhaled.

· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral	LD50	4,138 mg/kg (ATE)
Inhalative	LC50/4 h	10.3 mg/l

CAS: 111-76-2 2-butoxyethanol

Oral	LD50	1,200 mg/kg (ATE) 1,200 mg/kg (mouse) 1,776 mg/kg (rat)

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		mg/kg (rabbit)
Dermal	LD50	1,000-2,000 mg/kg (rat)
Inhalative	LC50/4 h	3 mg/l (ATE)
		11 mg/l (rat)
CAS: 107-98-2 1-methoxy-2-propanol		
Oral	LD50	5,660 mg/kg (rat)
Dermal	LD50	13,000 mg/kg (rabbit)
Inhalative	LC50/4 h	6 mg/l (rat)
CAS: 57-55-6 Propylene glycol		
Oral	LD50	20,800 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)
CAS: 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)
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	LD50	5,660 mg/kg (rat)
Dermal	LD50	4,000 mg/kg (rabbit)
CAS: 68439-46-3 C9-11 Alcohol ethoxylate, 5.5EO		
Oral	LD50	>2,000 mg/kg (rat)

· **Primary irritant effect:**
· **Skin corrosion/irritation** Causes skin irritation.
· **Serious eye damage/irritation** Causes serious eye damage.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **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** Based on available data, the classification criteria are not met.
· **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.
· **11.2 Information on other hazards**
· **Endocrine disrupting properties**
The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or more;

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	
CAS: 57-55-6 Propylene glycol	
CL50	40,613 mg/l (fish)
EC50	24,200 mg/l (algae)
NOEC	13,020 mg/l (algae)

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CAS: 67-63-0 propan-2-ol	
CL50	*1,400 mg/l (fish) (Esposizione 96 h)*
EC50	*2,285 mg/l (daphnia) (Esposizione 48 h)*
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol	
EC50	*1,170 mg/kg (daphnia)*
CAS: 68439-46-3 C9-11 Alcohol ethoxylate, 5.5EO	
CL50	*>1-10 mg/l (fish) (Linee Guida 203 OECD - Esposizione 96 h)*
EC50	*>1-10 mg/l (algae) (Esposizione 72 h)*
	>1-10 mg/l (daphnia) (Esposizione 48 h)
CAS: 160875-66-1 2-Propylheptanolethoxylate	
EC50	*10.1-100 mg/kg (daphnia)*

· ***12.2 Persistence and degradability***
Easily biodegradable
The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.
· ***Other information:*** *The product is easily biodegradable.*
· ***12.3 Bioaccumulative potential*** *Non significant accumulation in organisms*
· ***12.4 Mobility in soil*** *No further relevant information available.*
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:***
According to the available data, the product does not contain any PBT substances in a proportion ≥ 0.1%.
· ***vPvB:*** *According to the available data, the product does not contain vPvB substances in a proportion ≥ 0.1%.*
· ***12.6 Endocrine disrupting properties***
The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or more;
· ***12.7 Other adverse effects***
· ***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.

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.
· ***Recommended cleansing agents:*** *Water.*

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SECTION 14: Transport information

· **14.1 UN number or ID number**	
· **ADR, ADN, IMDG, IATA**	Void
· **14.2 UN proper shipping name**	
· **ADR, ADN, IMDG, IATA**	Void
· **14.3 Transport hazard class(es)**	
· **ADR, ADN, IMDG, IATA**	
· **Class**	Void
· **14.4 Packing group**	
· **ADR, IMDG, IATA**	Void
· **14.5 Environmental hazards:**	
· **Marine pollutant:**	No
· **14.6 Special precautions for user**	Not applicable.
· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
· **Transport/Additional information:**	Not dangerous according to the above specifications.
· **UN "Model Regulation":**	Void

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 878/2020 as subsequent amendments.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 55

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **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.

· **Relevant phrases**
H225 Highly flammable liquid and vapour.

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H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
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
Skin Irrit. 2, H315 - Calculation method
Eye Dam. 1, H318 - Calculation method
Acute Tox. 4, H332 - Calculation method

· **Version number of previous version:** 6

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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)
VOC: Volatile Organic Compounds (USA, EU)
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
ATE: Acute toxicity estimate values
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· **Sources**

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-ISS (I), Istituto Superiore di Sanità, Hazardous Substances Database.
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-INRS (F), Institut National de Recherche et de Sécurité : Les Mélanges Explosifs.
-Ministry of the Environment (I), Ecotoxicological database on chemicals.
-IFA (D), Institut für Arbeitsschutz, GESTIS database on hazardous substances.
-ILO, International Labour Organization, International Chemical Safety Cards database.
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-WHO, World Health Organization, Chemical Safety Information database. -TOXNET (USA), Toxicology Data Network database.
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