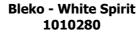
# Safety data sheet

# According to 1907/2006/EC (REACH), 2015/830/EU











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

Product identifier: Bleko - White Spirit 1.1

1010280

Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics

CAS: Non-applicable EC: 920-750-0 Index: Non-applicable

REACH: 01-2119473851-33-XXXX

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

Relevant uses: Solvent

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

Details of the supplier of the safety data sheet: 1.3

> Bleko Chemie BV Het Lentfert 3

7547 SN Enschede - Netherlands Phone.: +31 (0)53 431 58 35 -Fax: +31 (0)53 431 54 30 r.engbers@blekochemie.nl www.blekochemie.nl

Emergency telephone number: +31 (0)534 315 835 (8:00 - 17:00) 1.4

# 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.

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411

Asp. Tox. 1: Aspiration hazard, Category 1, H304 Flam. Liq. 2: Flammable liquids, Category 2, H225

STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

#### 2.2 **Label elements:**

# CLP Regulation (EC) nº 1272/2008:

## Danger









# **Hazard statements:**

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways Flam. Liq. 2: H225 - Highly flammable liquid and vapour

STOT SE 3: H336 - May cause drowsiness or dizziness

## **Precautionary statements:**

P102: Keep out of reach of children

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor

P331: Do NOT induce vomiting

P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment

# **Supplementary information:**

EUH066: Repeated exposure may cause skin dryness or cracking

#### 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

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# Bleko - White Spirit









# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance:

Chemical description: Solvent/s

**Components:** 

In accordance with Annex II of Regulation (EC) nº1907/2006 (point 3), the product contains:

Identification		Chemical name/Classification				
		Hydrocarbons, C7-C9	,n-alkanes, iso-alkanes, cyclics	Self-classified		
Index: Non-applicable	920-750-0 Non-applicable : 01-2119473851-33-XXXX		Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger		100 %	

To obtain more information on the risk of the substances consult sections 8, 11, 12, 15 and 16.

## 3.2 Mixture:

Non-applicable

# **SECTION 4: FIRST AID MEASURES**

## 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

### By inhalation

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

# 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, as 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 medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administrate anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. 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:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO2). IT IS RECOMMENDED NOT to use tap water as an extinguishing agent.

# 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 individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

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# SECTION 5: FIREFIGHTING MEASURES (continued)

# **Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, 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:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inertization agent. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

# **Environmental precautions:**

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

#### 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.

#### Reference to other sections: 6.4

See sections 8 and 13.

## **SECTION 7: HANDLING AND STORAGE**

# Precautions for safe handling:

A.- Precautions for safe manipulation

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

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

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

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

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

A.- Technical measures for storage

Maximum Temp.:

B.- General conditions for storage

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

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

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

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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 **Control parameters:**

Substances whose occupational exposure limits have to be monitored in the work environment

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

# **DNEL (Workers):**

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	773 mg/kg	Non-applicable
EC: 920-750-0	Inhalation	Non-applicable	Non-applicable	2035 mg/m <sup>3</sup>	Non-applicable

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

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics	Oral	Non-applicable	Non-applicable	699 mg/kg	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	699 mg/kg	Non-applicable
EC: 920-750-0	Inhalation	Non-applicable	Non-applicable	608 mg/m <sup>3</sup>	Non-applicable

# PNEC:

Non-applicable

#### 8.2 **Exposure controls:**

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protection 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

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory respiratory tract protection	Filter mask for gases and vapours	CAT III	EN 405:2001+A1:2009	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

# C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	NON-disposable chemical protective gloves	CAT III	EN 374-1:2003 EN 374-3:2003/AC:2006 EN 420:2003+A1:2009	The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin.

# D.- Ocular and facial protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Face mask	CATII	EN 166:2001 EN 167:2001 EN 168:2001 EN ISO 4007:2012	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Bodily protection



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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	CAT III	EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982- 1:2004/A1:2010 EN ISO 6529:2001 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions.
Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties	CAT III	EN 13287:2008 EN ISO 20345:2011 EN 13832-1:2006	Replace boots at any sign of deterioration.

# F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
+	ANSI Z358-1 ISO 3864-1:2002	4 6	DIN 12 899 ISO 3864-1:2002
Emergency shower		Eyewash stations	

# **Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

# **Volatile organic compounds:**

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

V.O.C. (Supply): 100 % weight

V.O.C. density at 20 °C: 744,49 kg/m³ (744,49 g/L)

Average carbon number: 8

Average molecular weight: 108 g/mol

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

# **Appearance:**

Physical state at 20 °C:

Appearance:

Colour:

Colour:

Odour:

Petrol-naphtha

Odour threshold:

Non-applicable \*

Volatility:

Boiling point at atmospheric pressure: 130 °C Vapour pressure at 20 °C: 1419 Pa

Vapour pressure at 50 °C: 6466 Pa (6 kPa)
Evaporation rate at 20 °C: Non-applicable \*

**Product description:** 

Density at 20 °C: 744 kg/m³
Relative density at 20 °C: 0,744

Dynamic viscosity at 20 °C: 42,64 cP

Kinematic viscosity at 20 °C: 57,27 cSt

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Kinematic viscosity at 40 °C:

Concentration:

PH:

Non-applicable \*

Solubility properties: Soluble in organic solvents

Decomposition temperature: Non-applicable \*

Melting point/freezing point: -60 °C

Explosive properties: Non-applicable \*
Oxidising properties: Non-applicable \*

Flammability:

Flash Point: 8 °C

Flammability (solid, gas): Non-applicable \*

Autoignition temperature: 275 °C
Lower flammability limit: 0,6 % Volume
Upper flammability limit: 7 % Volume

**Explosive:** 

Lower explosive limit:

Upper explosive limit:

Non-applicable \*

Non-applicable \*

9.2 Other information:

Surface tension at 20 °C:

Refraction index:

Non-applicable \*

Non-applicable \*

\*Not relevant due to the nature of the product, not providing information 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 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	Risk of combustion	Avoid direct impact	Not applicable	

# 10.5 Incompatible materials:

Acids	Water	Combustive materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	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.

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# SECTION 11: TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects:

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 recommended by the occupational exposure limits, it may result in adverse effects on health 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 dangerous for consumption. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.
  - Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- 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 dangerous for the effects mentioned. For more information see section 3.
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous 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 dangerous with sensitising effects. For more information see section 3.
  - Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:

Exposure in high concentration can cause a breakdown in the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

- 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 dangerous for this effect. For more information see section 3.
  - Skin: Repeated exposure may cause skin dryness or cracking
- H- Aspiration hazard:

The consumption of a considerable dose can cause pulmonary damage.

# Other information:

Non-applicable

# Specific toxicology information on the substances:

Not available

# SECTION 12: ECOLOGICAL INFORMATION

# 12.1 Toxicity:

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# SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Species	Genus
Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics	LC50	1 - 10 mg/L (96 h)		Fish
CAS: Non-applicable	EC50	1 - 10 mg/L		Crustacean
EC: 920-750-0	EC50	1 - 10 mg/L		Algae

## 12.2 Persistence and degradability:

Identification	Degradability		Biodegradability	
Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics	BOD5	Non-applicable	Concentration	Non-applicable
CAS: Non-applicable	COD	Non-applicable	Period	28 days
EC: 920-750-0	BOD5/COD	Non-applicable	% Biodegradable	98 %

# 12.3 Bioaccumulative potential:

Not available

# 12.4 Mobility in soil:

Not available

## 12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

## 12.6 Other adverse effects:

Not described

# SECTION 13: DISPOSAL CONSIDERATIONS

# 13.1 Waste treatment methods:

Cod	ode	Description	Waste class (Regulation (EU) No 1357/2014)
		It is not possible to assign a specific code, as it depends on the intended use by the user	Dangerous

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

HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP14 Ecotoxic

# 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. We do not recommended disposal down the drain. See paragraph 6.2.

# Regulations related to waste management:

In accordance with Annex II of Regulation (EC) nº1907/2006 (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:

With regard to ADR 2017 and RID 2017:

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# SECTION 14: TRANSPORT INFORMATION (continued)



14.1 UN number: UN3295

14.2 UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S.

14.3 Transport hazard class(es): Labels:

Π 14.4 Packing group: 14.5 Environmental hazards: Yes

14.6 Special precautions for user

Non-applicable Special regulations:

Tunnel restriction code: D/E

Physico-Chemical properties: see section 9

Limited quantities:

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:

Non-applicable

# Transport of dangerous goods by sea:

With regard to IMDG 38-16:

14.1 UN number: UN3295

14.2 UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S.

14.3 Transport hazard class(es): Labels: 3

14.4 Packing group: II 14.5 Environmental hazards: Yes

14.6 Special precautions for user

Special regulations: Non-applicable EmS Codes: F-E, S-D Physico-Chemical properties: see section 9

Limited quantities: 1 L

14.7 Transport in bulk according Non-applicable to Annex II of Marpol and

the IBC Code:

## Transport of dangerous goods by air:

With regard to IATA/ICAO 2017:



14.1 UN number: UN3295

14.2 UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S.

14.3 Transport hazard class(es): Labels: 3 14.4 Packing group: II

14.5 Environmental hazards: Yes 14.6 Special precautions for user

Physico-Chemical properties: see section 9 14.7 Transport in bulk according Non-applicable

to Annex II of Marpol and

the IBC Code:

# 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) 1907/2006 (REACH): Non-applicable Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

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

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# SECTION 15: REGULATORY INFORMATION (continued)

# 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 data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

# Other legislation:

The product could be affected by sectorial legislation

# 15.2 Chemical safety assessment:

The provider has carried out a chemical safety assessment

# **SECTION 16: OTHER INFORMATION**

# Legislation related to safety data sheets:

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 (Regulation (EC) No 2015/830)

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

Non-applicable

# Texts of the legislative phrases mentioned in section 2:

H225: Highly flammable liquid and vapour

H336: May cause drowsiness or dizziness

H304: May be fatal if swallowed and enters airways

H411: Toxic to aquatic life with long lasting effects

# Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

# CLP Regulation (EC) no 1272/2008:

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways

Flam. Liq. 2: H225 - Highly flammable liquid and vapour

STOT SE 3: H336 - May cause drowsiness or dizziness

## Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

## **Principal bibliographical sources:**

http://echa.europa.eu

http://eur-lex.europa.eu

# **Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol—water partition coefficient Koc: Partition coefficient of organic carbon



# Safety data sheet According to 1907/2006/EC (REACH), 2015/830/EU

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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.