

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

- **1.1 Product identifier:** KiiltoClean Oy Easydes 3104365,8081,8082,8083,8285,3401221 3104365
- **1.2** Relevant identified uses of the substance or mixture and uses advised against:

Relevant uses: Disinfectant . For professional user only.

Uses advised against (Professional user): not defined

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

KiiltoClean Oy Tengströminkatu 6 PL157, 20101 Turku - FINLAND Phone.: +358 (0) 207710400 asiakaspalvelu@kiiltoclean.fi www.kiiltoclean.fi

1.4 Emergency telephone number: Poison advisory center in Finland: +358 9 471 977

# SECTION 2: HAZARDS IDENTIFICATION

# 2.1 Classification of the substance or mixture:

# CLP Regulation (EC) No 1272/2008:

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

Eye Irrit. 2: Eye irritation, Category 2, H319 Flam. Liq. 3: Flammable liquids, Category 3, H226

2.2 Label elements:

# CLP Regulation (EC) No 1272/2008:

Warning



# Hazard statements:

Eye Irrit. 2: H319 - Causes serious eye irritation Flam. Liq. 3: H226 - Flammable liquid and vapour

# **Precautionary statements:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P233: Keep container tightly closed P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

# 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Alcohols

# Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification		Chemical name/Classification			
 64-17-5	Ethanol 1	Self-classified			
200-578-6 Non-applicable : 01-2119457610-43-XXXX	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225 - Danger	50 - <70 %		

<sup>1</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

	Identification		Chemical name/Classification			
CAS:		2-methyl-2-propano	ATP ATP01			
Index:	200-889-7 Non-applicable : 01-2119444321-51-XXXX	Regulation 1272/2008	Acute Tox. 4: H332; Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H335 - Danger	1 - <5 %		

<sup>1</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

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

# 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:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

#### By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety data Sheet

# By eye contact:

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

#### By ingestion/aspiration:

In case of consumption, seek immediate medical assistance showing the SDS for the product.

# 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 (CO $\Box$ ). 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 self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

# Additional provisions:

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

# SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:



# SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

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 inert medium. 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.

#### 6.2 Environmental precautions:

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

# Methods and material for containment and cleaning up:

It is recommended:

6.3

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

#### 6.4 Reference to other sections:

See sections 8 and 13.

# SECTION 7: HANDLING AND STORAGE

# 7.1 Precautions for safe handling:

A.- 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

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

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

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum Temp.: 25 °C

B.- General conditions for storage

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

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

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

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1 Control parameters:

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

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

# DNEL (Workers):

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

		Short e	xposure	Long ex	kposure
Identification		Systemic	Local	Systemic	Local
Ethanol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 64-17-5	Dermal	Non-applicable	Non-applicable	343 mg/kg	Non-applicable
EC: 200-578-6	Inhalation	Non-applicable	1900 mg/m <sup>3</sup>	950 mg/m <sup>3</sup>	Non-applicable

#### DNEL (General population):

		Short e	xposure	Long ex	kposure
Identification		Systemic	Local	Systemic	Local
Ethanol	Oral	Non-applicable	Non-applicable	87 mg/kg	Non-applicable
CAS: 64-17-5	Dermal	Non-applicable	Non-applicable	206 mg/kg	Non-applicable
EC: 200-578-6	Inhalation	Non-applicable	950 mg/m³	114 mg/m³	Non-applicable

# PNEC:

Identification				
Ethanol	STP	580 mg/L	Fresh water	0,96 mg/L
CAS: 64-17-5	Soil	Non-applicable	Marine water	0,79 mg/L
EC: 200-578-6	Intermittent	2,75 mg/L	Sediment (Fresh water)	3,6 mg/kg
	Oral	720 g/kg	Sediment (Marine water)	Non-applicable
2-methyl-2-propanol	STP	690 mg/L	Fresh water	6,64 mg/L
CAS: 75-65-0	Soil	1 mg/kg	Marine water	0,664 mg/L
EC: 200-889-7	Intermittent	9,33 mg/L	Sediment (Fresh water)	5,8 mg/kg
	Oral	88700000 g/kg	Sediment (Marine water)	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 Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

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

C.- Specific protection for the hands

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

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

#### D.- Ocular and facial protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2001 EN ISO 4007:2012	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CATI		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2001, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.



# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued) F.- Additional emergency measures Emergency measure Standards Emergency measure Standards Image: Colspan="3">Image: Colspan="3">DIN 12 899 ISO 3864-1:2002 Emergency shower Image: Colspan="3">DIN 12 899 ISO 3864-1:2002

Protective gloves complying with EN374:butylrubber, nitrile rubber

#### **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

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

	CTION 9: PHYSICAL AND CHEMICAL PROPERTIES						
9.1	Information on basic physical and chemical	properties:					
	Appearance:						
	Physical state at 20 °C:	Liquid					
	Appearance:	Fluid					
	Colour:	Colourless					
	Odour:	Alcohol					
	Odour threshold:	Non-applicable *					
	Volatility:						
	Boiling point at atmospheric pressure:	100 °C					
	Vapour pressure at 20 °C:	Non-applicable *					
	Vapour pressure at 50 °C:	Non-applicable *					
	Evaporation rate at 20 °C:	Non-applicable *					
	Product description:						
	Density at 20 °C:	880 kg/m <sup>3</sup>					
	Relative density at 20 °C:	Non-applicable *					
	Dynamic viscosity at 20 °C:	Non-applicable *					
	Kinematic viscosity at 20 °C:	Non-applicable *					
	Kinematic viscosity at 40 °C:	Non-applicable *					
	Concentration:	Non-applicable *					
	pH:	10					
	Vapour density at 20 °C:	Non-applicable *					
	Partition coefficient n-octanol/water 20 °C:	Non-applicable *					
	Solubility in water at 20 °C:	Non-applicable *					
	Solubility properties:	Water-soluble					
	Decomposition temperature:	Non-applicable *					
	Melting point/freezing point:	Non-applicable *					
	Explosive properties:	Non-applicable *					
	Oxidising properties:	Non-applicable *					
	Flammability:						
	Flash Point:	23 °C					
	Flammability (solid, gas):	Non-applicable *					
	Autoignition temperature:	Non-applicable *					
	Lower flammability limit:	Not available					
	*Not relevant due to the nature of the product, not providing	information property of its hazards.					



SECT	SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)					
	Upper flammability limit:	Not available				
	Explosive:					
	Lower explosive limit:	Non-applicable *				
	Upper explosive limit:	Non-applicable *				
9.2	Other information:					
	Surface tension at 20 °C:	Non-applicable *				
	Refraction index:	Non-applicable *				
	*Not relevant due to the nature of the product, not providing infor	mation property of its hazards.				

# SECTION 10: STABILITY AND REACTIVITY

# 10.1 Reactivity:

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

#### 10.2 Chemical stability:

Chemically stable under the 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

Heat, flames, sparks.

#### 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

Materials that do not tolerate alcohols.

#### 10.6 Hazardous decomposition products:

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

# SECTION 11: TOXICOLOGICAL INFORMATION

# 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 the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A.- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as 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. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):



# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- 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: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as 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:

Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.

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

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

#### **Other information:**

Non-applicable

# Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Ethanol	LD50 oral	6200 mg/kg	Rat
CAS: 64-17-5	LD50 dermal	20000 mg/kg	Rabbit
EC: 200-578-6	LC50 inhalation	124,7 mg/L (4 h)	Rat
2-methyl-2-propanol	LD50 oral	3500 mg/kg	Rat
CAS: 75-65-0	LD50 dermal	Non-applicable	
EC: 200-889-7	LC50 inhalation	11 mg/L (4 h) (ATEi)	

# SECTION 12: ECOLOGICAL INFORMATION

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

# 12.1 Toxicity:

Identification		Acute toxicity	Species	Genus
Ethanol	LC50	11000 mg/L (96 h)	Alburnus alburnus	Fish
CAS: 64-17-5	EC50	9268 mg/L (48 h)	Daphnia magna	Crustacean
EC: 200-578-6	EC50	1450 mg/L (192 h)	Microcystis aeruginosa	Algae
2-methyl-2-propanol	LC50	961 mg/L (96 h)	Pimephales promelas	Fish
CAS: 75-65-0	EC50	Non-applicable		
EC: 200-889-7	EC50	Non-applicable		
Persistence and degradability:				

# 12.2 Persistence and degradability:



Identification	Identification		egradability	Biodegradability		vility
Ethanol		BOD5	Non-applicable	Concentration		100 mg/L
CAS: 64-17-5		COD	Non-applicable	Period		14 days
EC: 200-578-6		BOD5/COD	0.57	% Biodegradable		89 %
Bioaccumulative potential: Identification Bioaccumulation potential				n notential		
Ethanol	Identification			BCF	3	potential
CAS: 64-17-5				Pow Log	-0.31	
EC: 200-578-6			Potential	Low		
Mobility in soil:				<b>.</b>		
Identification	Identification Ab		sorption/desorption		Volati	ility
		4				

Identification	Absorption/desorption		Volatility	
Ethanol	Кос	1	Henry	4,61E-1 Pa·m <sup>3</sup> /mol
CAS: 64-17-5	Conclusion	Very High	Dry soil	Yes
EC: 200-578-6	Surface tension	2,339E-2 N/m (25 °C)	Moist soil	Yes

# 12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

SECTION 12. ECOLOGICAL INFORMATION (continued)

# 12.6 Other adverse effects:

Not described

# SECTION 13: DISPOSAL CONSIDERATIONS

# **13.1 Waste treatment methods:**

Code	Description	Waste class (Regulation (EU) No 1357/2014)
07 04 04*	other organic solvents, washing liquids and mother liquors	Dangerous

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

HP3 Flammable, HP4 Irritant — skin irritation and eye damage

#### 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) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

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

# SECTION 14: TRANSPORT INFORMATION

# Transport of dangerous goods by land:

With regard to ADR 2017 and RID 2017:



SECTION 14: TRANSPOR	TION 14: TRANSPORT INFORMATION (continued)				
14. 14. 14. 14. 14. 14. 14. 14.	<ol> <li>UN number:</li> <li>UN proper shipping name:</li> <li>Transport hazard class(es): Labels:</li> <li>Packing group:</li> <li>Environmental hazards:</li> <li>Special precautions for user Special regulations: Tunnel restriction code: Physico-Chemical properties: Limited quantities:</li> <li>Transport in bulk according</li> </ol>	UN1170 ETHANOL (ETHYL ALCOHOL) 3 3 III No 144, 601 D/E see section 9 5 L Non-applicable			
	to Annex II of Marpol and the IBC Code:				
Transport of dange	rous goods by sea:				
With regard to IMDG	38-16:				
14.	1 UN number:	UN1170			
14.	2 UN proper shipping name:	ETHANOL (ETHYL ALCOHOL)			
14.	3 Transport hazard class(es):	3			
	Labels:	3			
14.	4 Packing group:	III			
3/	5 Environmental hazards:	No			
<b>¥</b> 14.	6 Special precautions for user				
	Special regulations:	144, 223			
	EmS Codes:	F-E, S-D			
	Physico-Chemical properties:	see section 9			
	Limited quantities:	5 L			
14.	7 Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable			
Transport of dange	rous goods by air:				
With regard to IATA/ICAO 2017:					
14.	1 UN number:	UN1170			
	2 UN proper shipping name:	ETHANOL (ETHYL ALCOHOL)			
	3 Transport hazard class(es):	3			
	Labels:	3			
3/ 14.	4 Packing group:	III			
	5 Environmental hazards:	No			
14.	6 Special precautions for user				
	Physico-Chemical properties:	see section 9			
14.	7 Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable			

# SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains Ethanol.
Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable
Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable
Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable
Article 95, REGULATION (EU) No 528/2012: Ethanol (Product-type 1, 2, 4, 6)
REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable



# SECTION 15: REGULATORY INFORMATION (continued)

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

Non-applicable

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

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

# Other legislation:

The product could be affected by sectorial legislation

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products

# Other information:

The product is a medical device according to the Directive 93/42/EEC.

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

# SECTION 16: OTHER INFORMATION

#### Legislation related to safety data sheets:

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:

H226: Flammable liquid and vapour

H319: Causes serious eye irritation

#### 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:

Acute Tox. 4: H332 - Harmful if inhaled Eye Irrit. 2: H319 - Causes serious eye irritation Flam. Liq. 2: H225 - Highly flammable liquid and vapour STOT SE 3: H335 - May cause respiratory irritation

# Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and 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

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.