

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

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

### 1.1. Product identifier

Product form : Mixture  
 Product name : Hraniclean 103  
 UFI : H7T2-10SQ-H006-WSKP

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

#### 1.2.1. Relevant identified uses

Main use category : For professional users only  
 Use of the substance/mixture : Antistatic and cooling liquid in the furniture industry.

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

#### Distributor

Hranipex Czech Republic k.s.  
 J. Rýznerové 97, Komorovice  
 CZ- 396 01 Humpolec  
 Czech Republic  
 T 565 501 210  
[help@ecomole.com](mailto:help@ecomole.com) - [www.hranipex.cz](http://www.hranipex.cz)

#### Supplier

Hranipex Ltd.  
 Unit 2 Radial Park, Birmingham Business Park  
 Birmingham, B37 7YN  
 United Kingdom  
 T 0121 767 9180 - F 0121 782 6250  
[hranipex@hranipex.co.uk](mailto:hranipex@hranipex.co.uk) - [www.hranipex.co.uk](http://www.hranipex.co.uk)

### 1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Cardiff Centre) University Hospital Llandough	Penlan Road CF64 2XX Llandough	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Edinburgh Centre) Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	Only for healthcare professionals
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	16/17 Framlington Place Newcastle-upon-Tyne NE2 4AB Newcastle	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for healthcare professionals

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3

H226

Full text of H- and EUH-statements: see section 16

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

## Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour.

## 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H226 - Flammable liquid and vapour.

Precautionary statements (CLP)

: P261 - Avoid breathing vapours.

P271 - Use only outdoors or in a well-ventilated area.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-43	< 40	Flam. Liq. 2, H225

Comments

: <5% nonionic surfactant

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). In case of loss of conscience place the victim in the recovery position.
First-aid measures after inhalation	: Remove person to fresh air and keep them warm and calm. Allow the victim to rest. Call a doctor if you feel unwell.
First-aid measures after skin contact	: Take off immediately all contaminated clothing. Wash skin with plenty of water and soap. If symptoms persist, call a physician.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist if irritation persists.
First-aid measures after ingestion	: Rinse mouth out with water. Do NOT induce vomiting. Call a physician immediately.

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

## 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

## 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water fog, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).  
Unsuitable extinguishing media : Strong water jet.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.  
Explosion hazard : Vapours are heavier than air and may spread along floors. Vapours may form explosive mixture with air.  
Hazardous decomposition products in case of fire : Carbon monoxide. Carbon dioxide. Other toxic gases. High temperature decomposition products are harmful by inhalation.

### 5.3. Advice for firefighters

Precautionary measures fire : Keep container tightly closed and away from heat, sparks and flame.  
Firefighting instructions : Cool down the containers exposed to heat with a water spray.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Chemical resistant safety shoes.  
Other information : Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear proper protective equipment.  
Emergency procedures : Prevent unauthorised access. Ventilate spillage area. No flames, no sparks. Eliminate all sources of ignition.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Do not allow the mixture to enter into sewer, water system (underground water, surface water) or soil.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into a non combustible material e.g.: sand, earth, vermiculite or kieselguhr. Collect all waste in suitable and labelled containers and dispose according to local legislation. Non-sparking tools should be used. Notify authorities if product enters sewers or public waters.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Keep away from ignition sources. Keep away from heat and direct sunlight.
- Incompatible materials : Strong acids, strong bases and oxidation agents.
- Storage temperature : 5 – 25 °C
- Information on mixed storage : Storage class: 3

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

Ethanol (64-17-5)	
United Kingdom - Occupational Exposure Limits	
Local name	Ethanol
WEL TWA (OEL TWA) [1]	1920 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station. Ventilation, local exhaust, or breathing protection.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure. Wear recommended personal protective equipment.

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

## 8.2.2.1. Eye and face protection

**Eye protection:**

Not required for normal conditions of use

## 8.2.2.2. Skin protection

**Skin and body protection:**

Wear suitable working clothes

**Hand protection:**

In case of repeated or prolonged contact wear gloves

## 8.2.2.3. Respiratory protection

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protective device with a gas filter. Type AX - Low-boiling (&lt;65 °C) organic compounds. Self contained breathing apparatus

## 8.2.2.4. Thermal hazards

No additional information available

## 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

**Other information:**

Do not eat, drink or smoke in areas where product is used. Wash hands and other exposed areas with soap and water before leaving work.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Blue.
Odour	: Solvent odour.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: < -10 °C
Boiling point	: 80 – 100 °C
Flammability	: Not applicable
Explosive properties	: None.
It does not have oxidising properties	: It does not have oxidising properties.
Lower explosion limit	: 3.3 vol %
Upper explosion limit	: 19 vol % Ethanol
Flash point	: 24 °C (11°C CAS 64-17-5)
Auto-ignition temperature	: 363 °C (CAS 64-17-5)
Decomposition temperature	: Not available
pH	: 7.2
Viscosity, kinematic	: Not available
Solubility	: Miscible with water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 59 mbar (CAS 64-17-5)
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

## 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Direct sunlight. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Strong acids, strong bases and oxidation agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
 Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
 Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Ethanol (64-17-5)	
LD50 oral rat	7000 mg/kg
LC50 Inhalation – Rat (Vapours)	124.7 mg/l
LC50 Inhalation - Rat (Vapours)	116.9 mg/l/4h
LC50 Inhalation - Rat (Vapours)	133.8 mg/l/4h

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
 pH: 7.2  
 Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
 pH: 7.2  
 Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)  
 Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
 Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)  
 Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

Ethanol (64-17-5)	
NOAEL	> 16000 ppm
NOAEL	5200 mg/kg rat

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

Ethanol (64-17-5)	
LOAEC (inhalation, 30 min)	2.4 mg/l

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

## Ethanol (64-17-5)

LOAEC (inhalation)	9.6 mg/l
--------------------	----------

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### 11.2.2. Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

## Ethanol (64-17-5)

LC50 - Fish [1]	3.9 g/l
-----------------	---------

EC50 - Crustacea [1]	> 10000 mg/l
----------------------	--------------

EC50 - Crustacea [2]	9248 mg/l
----------------------	-----------

EC50 72h - Algae [1]	8800 mg/l
----------------------	-----------

NOEC (chronic)	250 – 1000 mg/l
----------------	-----------------

### 12.2. Persistence and degradability

#### Hraniclean 103

Persistence and degradability	Not established.
-------------------------------	------------------

### 12.3. Bioaccumulative potential

#### Hraniclean 103

Bioaccumulative potential	Not established.
---------------------------	------------------

## Ethanol (64-17-5)

Partition coefficient n-octanol/water (Log Pow)	-0.35
---	-------

### 12.4. Mobility in soil

#### Hraniclean 103

Ecology - soil	Not established.
----------------	------------------

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

## 12.5. Results of PBT and vPvB assessment

### Hraniclean 103

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.  
 Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
 Sewage disposal recommendations : Do not dispose of waste into sewer.  
 Product/Packaging disposal recommendations : Do not remove as household garbage. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.  
 Additional information : Flammable vapours may accumulate in the container.  
 Ecology - waste materials : Avoid release to the environment.  
 European List of Waste (LoW) code : 07 01 04\* - other organic solvents, washing liquids and mother liquors  
 HP Code : HP3 - "Flammable:"  
 – flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;  
 – flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;  
 – flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;  
 – flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;  
 – water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;  
 – other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 1170	UN 1170	UN 1170	UN 1170	UN 1170
<b>14.2. UN proper shipping name</b>				
ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	Ethanol solution	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

ADR	IMDG	IATA	ADN	RID
<b>Transport document description (ADR)</b>				
UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III, (D/E)	UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III	UN 1170 Ethanol solution, 3, III	UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III	UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III
<b>14.3. Transport hazard class(es)</b>				
3	3	3	3	3
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

## 14.6. Special precautions for user

### Overland transport

Classification code (ADR)	: F1
Special provisions (ADR)	: 144, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T2
Portable tank and bulk container special provisions (ADR)	: TP1
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	: 

Tunnel restriction code (ADR)	: D/E
EAC code	: •2YE

### Transport by sea

Special provisions (IMDG)	: 144, 223
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T2
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-E

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

EmS-No. (Spillage) : S-D  
 Stowage category (IMDG) : A  
 Properties and observations (IMDG) : Colourless, volatile liquids. Pure ETHANOL: flashpoint 13°C c.c. Explosive limits: 3.3% to 19% Miscible with water.

## Air transport

PCA Excepted quantities (IATA) : E1  
 PCA Limited quantities (IATA) : Y344  
 PCA limited quantity max net quantity (IATA) : 10L  
 PCA packing instructions (IATA) : 355  
 PCA max net quantity (IATA) : 60L  
 CAO packing instructions (IATA) : 366  
 CAO max net quantity (IATA) : 220L  
 Special provisions (IATA) : A3, A58, A180  
 ERG code (IATA) : 3L

## Inland waterway transport

Classification code (ADN) : F1  
 Special provisions (ADN) : 144, 601  
 Limited quantities (ADN) : 5 L  
 Excepted quantities (ADN) : E1  
 Carriage permitted (ADN) : T  
 Equipment required (ADN) : PP, EX, A  
 Ventilation (ADN) : VE01  
 Number of blue cones/lights (ADN) : 0

## Rail transport

Classification code (RID) : F1  
 Special provisions (RID) : 144, 601  
 Excepted quantities (RID) : E1  
 Packing instructions (RID) : P001, IBC03, LP01, R001  
 Mixed packing provisions (RID) : MP19  
 Portable tank and bulk container instructions (RID) : T2  
 Portable tank and bulk container special provisions (RID) : TP1  
 Tank codes for RID tanks (RID) : LGBF  
 Transport category (RID) : 3  
 Special provisions for carriage – Packages (RID) : W12  
 Colis express (express parcels) (RID) : CE4  
 Hazard identification number (RID) : 30

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP)

#### EU restriction list (REACH Annex XVII)

Reference code	Applicable on
3(a)	Hraniclean 103 ; Ethanol

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

## EU restriction list (REACH Annex XVII)

Reference code	Applicable on
40.	Ethanol

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

### 15.1.2. National regulations

#### United Kingdom

British National Regulations

: Regulation (EC) No 1013/2006 of the European Parliament and of the Council on shipments of waste, in the valid wording.  
UK REACH.  
GB CLP.  
UK Waste Regulations.

## 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Indication of changes

Section	Changed item	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
	Comments (below composition)	Added	
1.1	Name	Modified	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures after inhalation	Modified	
4.1	First-aid measures after ingestion	Modified	
5.3	Firefighting instructions	Added	
7.2	Incompatible materials	Modified	
8.2	Respiratory protection	Modified	
8.2	Hand protection	Modified	
8.2	Eye protection	Modified	
8.2	Skin and body protection	Modified	
9.1	Upper explosive limit (UEL)	Added	
9.1	Colour	Added	
9.1	Freezing point	Added	

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

## Indication of changes

Section	Changed item	Change	Comments
9.1	Lower explosive limit (LEL)	Added	
9.1	pH	Modified	
9.1	Boiling point	Modified	
10.5	Incompatible materials	Modified	
12.2	Persistence and degradability	Modified	
12.3	Bioaccumulative potential	Modified	
12.4	Ecology - soil	Modified	
15.1	REACH Annex XVII	Modified	
16	Data sources	Modified	

## Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
DNEL	Derived-No Effect Level
PNEC	Predicted No-Effect Concentration
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
LD50	Median lethal dose
LC50	Median lethal concentration
EC50	Median effective concentration
NOAEC	No-Observed Adverse Effect Concentration
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
STP	Sewage treatment plant
	Volatile organic compounds (VOC) :

Data sources : ECHA Guidance on the compilation of safety data sheets  
ECHA C&L Inventory database.  
Supplier's safety documents.

Training advice : Provide SDS to employees. Follow general rules on handling chemical substances and/or mixtures. Normal use of this product shall imply use in accordance with the instructions on the packaging.

## Full text of H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2

# Hraniclean 103

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 04/02/2018

Revision date: 30/03/2022

Supersedes version of: 14/04/2021

Version: 2.0

**Full text of H- and EUH-statements:**

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

Flam. Liq. 3	H226	On basis of test data
--------------	------	-----------------------

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.