



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

### 1.1 Product identifier

Product form	Mixture
Trade name	Chemipro DES BE-REG-00881
Product code	004.403.2 – 004.403.5
Type of product	Biocide
Product group	Trade product

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

#### 1.2.1 Relevant identified uses

Main use category	: Professional use
Use of the substance/mixture	: Bactericide

#### 1.2.2 Uses advised against

No additional information available

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

Brouwland  
Korpelsesteenweg 86  
B-3581 Beverlo  
Belgium  
Tel. +32 11 40 14 08  
Fax. +32 11 89 03 09  
[contact@brouwland.com](mailto:contact@brouwland.com)  
[www.brouwland.com](http://www.brouwland.com)

### 1.4 Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Belgium	Centre Anti-Poisons/Antigifcentrum c/o Hôpital central de la Base -Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussel	+32 70 245 245	Please dial : 070 245 245 for any urgent questions about intoxication (free of charge 24/7, if not accessible, dial: 02 264 96 30 (standard free)
Netherlands	Nationaal Vergiftigingen Informatie Centrum	Huispostnummer B.00.118 Postbus 85500 3508 GA Utrecht	+31 30 274 88 88	Only for the purpose of informing medical personnel in cases of acute intoxications

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**Section 2 : Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) N° 1272/2008 [CLP]**

Flammable liquids, Category 2

H225

Full text of H statements: see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2 Label elements****Classification according to Regulation (EC) N° 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) :

Danger

Hazardous ingredients :

ethanol ; ethyl alcohol

Hazard statements (CLP) :

H225 – Highly flammable liquid and vapour.

Precautionary statements (CLP) :

P210 – Keep away from open flames, sparks. No smoking.

P233 – Keep container tightly closing.

P242 – Use only non-sparking tools

P303+P361+P353 –IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378 – In case of fire: Use alcohol resistant foam to extinguish.

P501 – Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

**2.3 Other hazards**

No additional information available

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**Section 3 : Composition/information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixtures**

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

**Section 4 : First aid measures****4.1 Description of first aid measures**

No additional information available

**4.2 Most important symptoms and effects, both acute and delayed**

No additional information available

**4.3 Indication of any immediate medical attention attention and special treatment needed**

No additional information available

**Section 5 : Firefighting measures****5.1 Extinguishing media**

No additional information available

**5.2 Special hazards arising from the substance or mixture**

No additional information available

**5.3 Advice for firefighters**

No additional information available

**Section 6 : Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non-emergency personnel**

No additional information available

**6.1.2 For emergency responders**

No additional information available

**6.2 Environmental precautions**

No additional information available

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**6.3 Methods and material for containment and cleaning up**

No additional information available

**6.4 Reference to other sections**

No additional information available

**Section 7 : Handling and storage****7.1 Precautions for safe handling**

No additional information available

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

No additional information available

**7.3 Specific and use(s)**

No additional information available

**Section 8 : Exposure controls/personal protection****8.1 Control parameters**

<b>ethanol; ethyl alcohol (64-17-5)</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute – Local effects, inhalation	1900 mg/m <sup>3</sup>
Long-term – systemic effects, dermal	343 mg/m <sup>3</sup>
Long-term – systemic effects, inhalation	950 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute – local effects, inhalation	950 mg <sup>3</sup>
Long-term – systemic effects, oral	87 mg/kg bodyweight/day
Long-term – systemic effects, inhalation	114 mg/m <sup>3</sup>
Long-term – systemic effects, dermal	206 mg/kg bodyweight/day

**8.2 Exposure controls**

No additional information available

**Section 9 : Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Physical state	: Liquid
Colour	: Colourless
Odour	: odourless
Odour threshold	: No data available
pH	: 7,5
Relative evaporation rate (butylcetate=1)	: No data available

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Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: = 18°C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid,gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Density	: 0,835
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

**9.2 Other information**

No additional information available

**Section 10 : Stability and reactivity****10.1 Reactivity**

No additional information available

**10.2 Chemical stability**

No additional information available

**10.3 Possibility of hazardous reactions**

No additional information available

**10.4 Conditions to avoid**

No additional information available

**10.5 Incompatible materials**

No additional information available

**10.6 Hazardous decomposition products**

No additional information available

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**Section 11 : Toxicological information****11.1 Information on toxicological effects**

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
	pH : 7,5
Serious eye damage/irritation	: Not classified
	pH : 7,5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

**Section 12 : Ecological information****12.1 Toxicity**

Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

**12.2 Persistence and degradability**

No additional information available

**12.3 Bioaccumulative potential**

No additional information available

**12.4 Mobility in soil**

No additional information available

**12.5 Results of PBT and vPvB assessment**

No additional information available

**12.6 Other adverse effects**

No additional information available

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### Section 13 : Disposal considerations

#### 13.1 Waste treatment methods

No additional information available

### Section 14 : Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1 UN number</b>				
1170	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2 UN proper shipping name</b>				
ETHANOL (ETHYL ALCOHOL)	Not applicable	Not applicable	Not applicable	Not applicable
<b>Transport document description</b>				
UN 1170 ETHANOL (ETHYL ALCOHOL), 3, II, (D/E)	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3 Transport hazard class(es)</b>				
3	Not applicable	Not applicable	Not applicable	Not applicable
	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4 Packing group</b>				
II	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5 Environmental hazards</b>				
Dangerous for the environment : No	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

#### 14.6 Special precautions for user

Overland transport

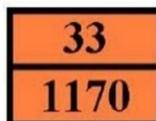
Classification code (ADR)	: F1
Special provisions (ADR)	: 144, 601
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02, R001
Mixed packing provisions (ADR)	: MP19

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Portable tank and bulk container instructions (ADR) : T4  
Portable tank and bulk container special provisions (ADR) : TP1  
Tank code (ADR) : LGBF  
Vehicle for tank carriage : FL  
Transport category (ADR) : 2  
Special provisions for carriage – Operation (ADR) : S2, S20  
Hazard identification number (Kemler No.) : 33  
Orange plates :



Tunnel restriction code (ADR) : D/E

**Transport by sea**

Not applicable

**Air transport**

Not applicable

**Inland waterway transport**

Not applicable

**Rail transport**

Not applicable

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

Not applicable

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**Rubrique 15 : Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1 EU-Regulations**

Contains no REACH substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances  
Directive 2012/18/EU (SEVESO III)

**15.1.2 National regulations**

No additional information available

**15.2 Chemical safety assessment**

No additional information available

**Section 16: Other information**

Full text of H- and EUH-statements	
H225	Highly flammable liquid and vapour

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