

**Alkohol Etylowy Całkowicie  
Skażony 96-97%**

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**Completely Denatured  
Alcohol 96-97%**

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**Alcool etilico  
completamente contaminato  
96-97%**

**OFERTA**

**HANDLOWA/ OFFER/ OFFERTA  
COMMERCIALE**

\*Oferta handlowa ważna przez 7dni

\* The trade offer is valid for 7 days

\* L'offerta commerciale è valida per 7 giorni

Possibility  
Delivery

Możliwości  
dostarczenia

Possibilità  
consegna



**Kanister 5l:**

**\*160 pezzi su un pallet,  
\* 32-33 pallet in tira**



**Mauzer 1000l x 24  
pezzi in tira**



**Cysterna ok. 24 000 l**

**SAFETY DATA SHEET**

**Completely Denatured Alcohol**

**MATERIAL SAFETY DATA SHEET**

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY**

**1.1 Details of the supplier**

Licensed manufacturer	
Address	
Contact person	
E-mail	
Web site	
Phone	

**1.2 Product identifier**

Trade name	CDA Completely Denatured Alcohol
Type of product	Mixture
Aplicability	Professional use
Substance	Ethyl alcohol, 2-propanol, Denatonium benzoate, Methyl ethyl ketone (MEK)

**2. HAZARDS IDENTIFICATION**

**2.1 Classification according to Regulation (EG) no. 1272/2008 and Classification according to Directive 67/548/EEG or Directive 1999/45/EG and modified Regulation (EG) no. 1907/2006**



<b>Hasardous Components</b>	<b>Hazards codes</b>
Ethyl Alcohol	H225 H319 H336
Isopropyl Alcohol	H225 H319 H336
Methyl ethyl ketone (MEK)	H225 H319 H336

**2.2** The product is classified and labelled according to the CLP regulation (EG) no. **1272/2008**

<b>Codes</b>	GHS02 (Flammable) GHS07 (Exclamation mark)
<b>Precaution statements (P)</b>	P210 Keep away from heat/sparks/open flames/hot surfaces – no smoking. P233 Keep container tightly closed. P305+P350+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P391 Collect leaks of the product. P403+P235 Store in a well-ventilated area. Keep cool.

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	P501 Dispose of contents/container according to the local/ regional/ national/ international regulations
<b>Hazard statements (R)</b>	H225 Highly flammable liquid and vapour.
<b>Label elements</b>	  GHS02                      GHS07
<b>Signal word</b>	DANGER !

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance: this product is a mixture of components listed below.

3.2 Hazardous components according to **Regulation (EG) no. 1272/2008**

Nume	REACH No.	CAS No.	EC index No.	Pictogram ei de pericol	GHS Classification	Concentration, %
Isopropyl Alcohol (2-propanol)	-	67-63-0	200-661-7	H225 H319 H336	Flam. Liq.2 Eye Irrit.2 STOT SE3	0-1%
Ethyl Alcohol (Ethanol)	01-2119457610-43	64-17-5	200-578-6	H225 H319 H336	Flam.Liq.2 Eye Irrit.2 STOT SE3;	90-97%
Denatonium benzoate (bitrex)	-	3734-33-6	223-095-2	H302 H412	R52/53 Xn; R22	0,001%
Methyl ethyl ketone (MEK)	01-2119457290-43-000	78-93-3	201-159-0	H225 H319	Flam. Liq.2 Eye Irrit.2	0-1%

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

**General:** Remove contaminated clothing immediately.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Rinse with plenty of water.

**After eye contact:** Rinse opened eye for several minutes under running water. Consult a physician if symptoms persist.

**After swallowing:** Rinse mouth with water and then drink a lot of water. DO NOT induce vomiting. In case of swallowing, consult a physician immediately and show packaging or label.

**4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

### 5. FIRE FIGHTING MEASURES

#### 5.1 Suitable extinguishing media:

Carbon dioxid (CO<sub>2</sub>), powder or water spray. Fight larger fires with alcohol resistant foam. A solid water stream may be inefficient.

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

Hazardous combustion products that form when the mixture burns, and may produce toxic fumes of carbon monoxide if burning.

#### 5.3 Advice for fire fighters:

Keep containers/tanks cool with water spray. Wear self-contained breathing apparatus pressure-demand and full protective gear.



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### 6. ACCIDENTAL RELEASE MEASURES

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

Avoid breathing vapors and provide adequate ventilation. Avoid contact with skin and eyes.

#### 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Ventilate the area.

#### 6.4 Reference to other sections:

See Section 5 for information on fire fighting methods. See Section 8 for information on personal protection equipment. Section 10 for stability and reactivity. Section 13 for disposal consideration.

### 7. HANDLING AND STORAGE

#### 7.1 Personal precautions, protective equipment and emergency procedures

Provide good ventilation. Keep containers tightly closed

#### Information about fire and explosion protection

Keep away from sparks and open flame. Smoking prohibited.

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

Store cool and dry in closed container, avoid direct sunlight.

#### Further information about storage conditions

Recommended temperature for storage 15-25°C.

#### 7.3 Specific end use(s): No special requirements.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 Control parameters

- human

Level	Value	Exposure route	End use	Possible health problems
Isopropyl Alcohol (2-propanol)				
DNEL	500 mg/m <sup>3</sup>	Inhalation	Employees	Chronic effects
DNEL	888 mg/kg /day	Skin contact	Employees	Chronic effects
Ethyl alcohol				
DNEL	1.900 mg/m <sup>3</sup>	Inhalation	Employees	Acute effects
DNEL	343 mg/kg	Skin contact	Employees	Chronic effects
DNEL	950 mg/m <sup>3</sup>	Inhalation	Employees	Chronic effects

- environment

Level	Value	Determined in environment
Isopropyl Alcohol		
PNEC	140,9 mg/l	Fresh water
PNEC	140,9 mg/l	Marine water
PNEC	2.251 mg/l	Microorganisms in sewage treatment
PNEC	552 mg/kg	Fresh water sediment

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PNEC	552 mg/kg	Marine water sediment
PNEC	28 mg/kg	Soil
Ethyl alcohol		
PNEC	0,79 mg/cm <sup>3</sup>	Marine water
PNEC	2,75 mg/cm <sup>3</sup>	Air
PNEC	3,6 mg/cm <sup>3</sup>	Fresh water sediment
PNEC	580 mg/cm <sup>3</sup>	Microorganisms in sewage treatment
PNEC	0,63 mg/cm <sup>3</sup>	Soil

### 8.2 Exposure control measures

Personal protective equipment

**Eye/face protection:** Wear safety goggles or face shield for protection.

**Protection of hands:** Use proper gloves, which are tested accordingly to EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information. The materials of the gloves have to be impermeable and resistant to the product/ the substance/ the preparation/ the chemical mixture. Choose the glove material with consideration of the penetration times, rates of diffusion and the degradation.

- suggested material: NBR (Nitrile gloves)

- layer thickness: 0,40 mm

- Penetration time of glove material: break through time: > 480 min

**Respiratory protection:** For personal respiratory protection in case of serious odour or release of aerosols, mists and smoke use one of the environment-independent breathing mask or breathing mask with filter type A. (Organic gases and vapours, boiling point > 65°C )

**Environmental exposure:**

Do not flush into surface water or sanitary sewer system. Avoid penetration into the soil. Do not allow material to contaminate ground water.

## 9. Physical and chemical properties

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

#### 9.1.1 General information

**Appearance:**

**Physical state**

Liquid, colourless, characteristic alcoholic odour

**pH- Value**

7±0,5

**pH- Value in diluted solution**

Not applicable (mixture ready for use)

**Boiling point and range °C**

78-83°C

**Flash point °C**

No information available

**Flammability state**

-11,85 (DIN 51755)

**Flammability (solid, gas)**

Inflammable

**Self ignition**

Product is not self inflammable

**Explosive properties**

Vapour and air mixture can form hazardous explosion

**Explosion limits (%)**

2,5% v/v

**Vapour pressure**

57,26 hPa

**Ratio coefficient N-octanol/water:**

-0,35

**Ignition temperature**

425°C

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<b>Oxidising properties</b>	No
<b>Vapour pressure</b>	Not determined
<b>Relative density (g/cm<sup>3</sup>)</b>	760 kg/m <sup>3</sup>
<b>Solubility</b>	Fully miscible
<b>Viscosity</b>	Hydroalcoholic solution
<b>Vapour density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Auto ignition temperature (°C)</b>	Product is not self inflammable
<b>Decomposition temperature (°C)</b>	Not applicable

### 9.2 Other information

No further relevant information available.

Temperature/pressure values are stable at 20°C/and 101 3 hPa

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable product

### 10.2 Chemical stability

Stable product under recommended storage and handling conditions

### 10.3 Possible hazardous reactions

No dangerous reactions known.

### 10.3 Conditions to avoid

Direct sunlight. High temperature. Open flame. Sparks.

### 10.4 Incompatible materials

Avoid contact with products sensible to alcohol

### 10.5 Hazardous decomposition products

No dangerous decompositions appear if product is under recommended storage and handling conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information of toxicological effects

#### 11.1.1 Acute toxicity

*oral:* LD50, rat, 5542 mg/kg

*inhalation :* LC50, rat, 92,26 mg/L, 4h

*dermal:* LD50, rat, 5837,5 mg/kg

#### 11.1.2 Skin corrosion

No information available

#### 11.1.3 Toxicitate acută a căilor respiratorii

No information available

#### 11.1.4 Skin irritation

No irritation

#### 11.1.5 Eye injury/eye irritation

Possible light irritation of eyes

#### 11.1.6 Sensibilisation

Not sensitizing

#### 11.1.7 Repeated dose toxicity



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Does not present any known toxicity

*11.1.8 Carcinogenicity, germ cell mutagenicity, genotoxicity in vitro*

No toxicity

*11.1.9 Further information*

This product is classified according to Directive 1999/45/EC of the European Parliament.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Not classified as dangerous for the environment. If accidentally released can temporary damage aquatic organisms. Not classified as harmful if accidentally released in sewage.

### 12.2 Persistence and degradability

Product is easily biologically degradable.

Substance	CAS No.	Bioaccumulation
Ethanol	64-17-5	90-97% ( OECD directive 301 E)
2-propanol	67-63-0	1% (OECD directive 301 E)

### 12.3 Bioaccumulation

Low potential for bioaccumulation.

### 12.4 Mobility in soil

Not mobile in soil.

### 12.5 Results of PBT- en zPzB-assessment (BCF)

This product does not contain any of the substances described in PBT/vPvB assessment of chemicals (Annex XIII of REACH).

### 12.6 Other adverse effect

This product does not contain substances with the potential to destroy the ozone layer or to influence the global warming process. Does not contain heavy metals or their derivatives according to EG / 11/2006. It does not contain absorbable organic halogens (AOX). The product contains the volatile organic product (VOC).

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Disposal method

Remove waste in accordance with local and/or national Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

## 14. TRANSPORT INFORMATION

14.1 UN number	1987
14.2 UN proper shipping name	Ethanol n.e.g
14.3 Transport hazard class	3
14.4 Packing group	II
14.5 Hazard label	3
14.6 Special precautions for user	See section 6,7 and 8



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14.7 Transport in bulk according to annex II at This product is being carried under the scope of  
MARPOL 73/78 and the IBC-code MARPOL Annex

### 15. REGULATORY INFORMATION

#### 15.1 Specific safety, health and environment regulations and – legislation for the substance or the mixture.

Regulatory information about hazard with heavy accidents: Not regulated  
96/82/EC

Regulatory information about ozone layer Not regulated  
1005/2009/EC

### 16. OTHER INFORMATION

Label: According to Regulation (EG) no. 1272/2008

Precautions of use:

*Hazard phrase (H)*

H225 Highly flammable liquid and vapour.



GHS02

*Precaution statement (P)*

P210 Keep away from heat/sparks/open flames/hot surfaces. - 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.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container according to national/regional/international regulations.

General Manager / \_\_\_\_\_ / \_\_\_\_\_

**OFERTA  
HANDLOWA/ OFFER/  
OFFERTA  
COMMERCIALE**

**Dziękujemy za  
zainteresowanie naszą ofertą**

**Thank you for your interest in  
our offer**

**Grazie per il tuo interesse  
nella nostra offerta**



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