

# SAFETY DATA SHEET

According to 2015/830/EC



## CGT-100

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

#### 1.1. Product identifier

Product name:

**CGT-100**

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

Professional application: industrial application, professional use

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

BM Group International APS

Marielundvej 48D

Herlev 2730

Denmark

Email: [sales@cougartron.com](mailto:sales@cougartron.com)

#### 1.4. Emergency telephone number

Telephone: +45 43 46 20 10 (8.00 - 16.00)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

**Skin Irrit. 2**

**H315** Causes skin irritation.

**Eye Irrit. 2**

**H319** Causes serious eye irritation.

#### 2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008

Signal word:

**WARNING**

Pictograms:



**Hazard statements**

**H315** Causes skin irritation.

**H319** Causes serious eye irritation.

**Precautionary statements**

**Prevention**

**P280**

Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

**P302+P352**

IF ON SKIN: Wash with plenty of water.

**P305+P351+P338**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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**P332+P313**

If skin irritation occurs: Get medical advice/attention.

**Storage**

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**Removal**

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**Additional information****Contains:** sodium hydroxide**2.3. Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixture**

Name of substance	Identifier	Classification 1272/2008	% weight
2-Butoxy ethanol	Index 603-014-00-0	Acute Tox. 4	H332 > 0,9 – ≤ 5
	CAS 111-76-2	Acute Tox. 4	H312
	EC -Nr 203-905-0	Acute Tox. 4	H302
		Eye Irrit. 2	H319
		Skin Irrit. 2	H315
2,2',2''-nitrilotriethanol	Index ---	---	> 0,9- ≤ 5
	CAS 102-71-6		
	EC -Nr 203-049-8		
sodium hydroxide	Index 011-002-00-6	Skin Corr. 1A	H314 > 0,1- ≤ 1
	CAS 1310-73-2		
	EC -Nr 215-185-5		
Ethoxylated alcohol (> 5-20 EO).	Index ---	Acute Tox. 4	H302 > 0,1 – ≤
	CAS 9043-30-5	Eye Dam. 1	H318 0,9
	EC-Nr ---		
Alkyl Betaine	Index ---	Skin Irrit. 2	H315 > 0,1 – ≤
	CAS 683-10-3	Eye Dam. 1	H318 0,9
	EC -Nr ---		

The full meaning of the risk phrases H included in the chapter 16

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation:**

If inhaled, move the exposed person to fresh air. Keep her warm and at rest under supervision.

Contact immediately with doctor.

**Ingestion:**

If swallowed, if the person is conscious, give to drink large amount of egg white and plenty of water..Do not induce vomiting. Keep calm.

Contact doctor immediately if status of a person is serious.

**Eye contact:**

Immediately flush eyes with large amounts of water for at least 10 minutes while holding the eyelids open.

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Remove contact lenses. Seek medical advice.

### **Skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Wash contaminated clothing before reuse.

If irritation persists, seek medical attention.

### **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**

No additional information available.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

Suitable extinguishing media: Use water spray, alcohol resistant foam, powder or carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media: do not use water jet

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

No additional information available.

### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus.

#### **Additional information**

In case of fire, cool containers / tank with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## **SECTION 6: Accidental release measures**

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

Ensure adequate ventilation. Wearing of suitable protective equipment

Keep away from open flames, hot surfaces and sources of ignition.

Avoid contact with skin, eyes and clothing.

### **6.2. Environmental precautions**

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Do not allow product to reach sewage system or any water course. Avoid penetration into drainage system.

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

Store and collect spillage with non-combustible absorbent material and place it in waste containers in accordance with local regulations.

Do not put the cast down material back into the original container, for re-use.

Carefully clean the contaminated surface. Cover drainage. Clean contaminated surfaces. Wash site discharge thoroughly with water.

### **6.4. Reference to other sections**

See Section 8

See Section 13

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Keep away from heat. Keep away from sources of ignition. Do not breathe vapor or spray mist.

Avoid contact with skin and eyes

Do not eat, drink or smoke when using this product. After use, keep the container tightly closed.

For personal protection see point 8.

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

Store in original container in a dry, cool and ventilated, sheltered from direct sunlight.

Store in original packaging. No smoking.

Keep container closed and sealed until use, in dry, in a well-ventilated place.

Keep container tightly closed in well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

TWA 98 mg / m<sup>3</sup>, 20 ppm

STEL 246 mg / m<sup>3</sup>, 50 ppm

2,2', 2'' - nitrilotriethanol

sodium hydroxide

TLV: 2 mg / m<sup>3</sup>

DNEL No information available. PNEC No information available.

### 8.2. Exposure controls

**Precautionary Measures: Ventilation.**

**Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

**Personal protective equipment:**

**Eye protection**

Recommendation: Tightly sealed goggles

**Hand protection:**



The selected protective gloves have to meet the requirements of EN 374-1 / EN374-2 / EN374-3.

**Body Protection**

Complete suit protecting against chemicals.

**Respiratory protection**

Absence of proper ventilation - mask with filter type A (EN-141).

**Protective and hygiene measures:**

Do not breathe vapor / spray. Wear suitable protective equipment.

**Environmental exposure controls:**

Do not rinse to surface water or to the sanitary sewer system.

## SECTION 9: Physical and chemical properties

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

**Appearance:** Liquid

**Colour:** white

**Odour:** noticeable

**pH-value:** 12.0

**Melting / Freezing Point:** No data available.

**Initial boiling point and boiling range:** No data available.

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<b>Flash point:</b>	No data available.
<b>Ignition temperature:</b>	No data available.
<b>Evaporation rate:</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not applicable
<b>Upper / lower flammability or upper / lower explosion limit:</b>	No data available.
<b>Vapour pressure:</b>	No data available.
<b>Vapor density (air=1):</b>	No data available.
<b>Relative density:</b>	1,0 g/cm <sup>3</sup>
<b>Solubility in water:</b>	No data available.
<b>The solubility in organic solvents:</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	Not applicable.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidising properties:</b>	No oxidizing properties.

**9.2. Other safety information**

No data available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Mixture is not chemically reactive.

**10.2. Chemical stability**

Under normal storage and use of the substance is chemically stable.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

No data available.

**10.5. Incompatible materials**

- strong oxidants
- metals

**10.6. Hazardous decomposition products**

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

ATE (mix) oral = 13,333,3 mg / kg

ATE ( ) skin = 36666.7 mg / kg

ATE (mix) inhalation = 366.7 mg / l / 4 hours

2-butoxyethanol:

Acute toxicity (oral)

LD50 rat: 470 mg / kg; l

LD50 rabbit: 300 mg / kg;

Acute toxicity (inhalation)

LC50 rat: 450 mg / l; ; 4 hours;

LCLo rat: 18,000 mg / m<sup>3</sup>; ; 7 hours;

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Acute toxicity (dermal)

LD50 rabbit: 220 mg / kg;

2,2', 2''- nitrilotriethanol

Skin contact. Eye contact. Skin

Acute toxicity (oral LD50): 2200 mg / kg [rabbit].

### **Skin corrosion/irritation**

Causes skin irritation.

### **Serious eye damage/irritation**

Causes serious eye irritation.

### **Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

### **Carcinogenicity**

Based on available data, the classification criteria are not met.

### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

### **STOT-single exposure**

Based on available data, the classification criteria are not met.

### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

### **Aspiration hazard**

Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### **Acute toxicity**

LC50 Poecilia reticulata: 983 mg / l; 7 d

LC50 Bluegill sunfish: 1,490 mg / l; 96 h

LC50 Pimephales promelas: 2,137 mg / l; 96 h

Oncorhynchus mykiss (rainbow trout):> 1,000 mg / l; 96 h

Daphnia magna: 1,720 mg / l; 24 h

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil and water

No data available.

### 12.5. Results of PBT and vPvB assessment

Ethoxylated alcohol (> 5-20 EO).

### 12.6. Other adverse effects

No information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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**Product:**

Collect the product according to instructions and submit for disposal.

Waste disposal – wastes are incinerated in appropriate facilities.

The product must be delivered to the appropriate landfill / area for waste storage or to the specialized waste incineration facility according to the local legislation.

**SEKCJA 14: Transport UN**

	ADR/RID	IMGD	IATA
<b>14.1. UN number</b>	---	---	---
<b>14.2. UN proper shipping name</b>	---	---	---
<b>14.3. Transport hazard class(es)</b>	---	---	---
<b>Label no. :</b>	---	---	---
<b>14.4. Packing group</b>	---	---	---
<b>14.5. Environmental hazards</b>	---	---	---
<b>14.6. Special precautions for user</b>		---	
<b>14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code</b>		No data	

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH).
- REGULATION (EC) No 1907/2006 OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
- COMMISSION REGULATION (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**15.2. Chemical safety assessment**

No data

**SECTION 16: Other information****The importance of risk phrases in Section 3:****H302** Harmful if swallowed**H312** Harmful in contact with skin.**H315** Causes skin irritation.**H319** Causes serious eye irritation.**H332** Harmful if inhaled.**H314** Causes severe skin burns and eye damage.**H318** Causes serious eye damage.

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This information is based on the present state of our knowledge, they are no assurance of product features and shall not establish a contractual relationship.

#### Abbreviations and Acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

PP: Severe Marine Pollutant

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

#### Note to readers

The information in this SDS is based on our current knowledge and the current legislation.

The product shall not, without first obtaining written Instructions for purposes other than those mentioned in Section 1 purpose be used. It is always the user's responsibility to ensure compliance with statutory Provisions to ensure.

The information in this Safety Data Sheet describing the safety requirements for our product.

#### Safety Data Sheet:

Przedsiębiorstwie EKOS S.C.

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