

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

#### 1.1. Product identification

Product code : CGT-N1

Trades code : 072

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

Neutralizer liquid for exclusive use with electrolytic fluids

Industrial uses [SU3] Professional uses [SU22]

Uses advised against:

do not use for purposes other than those listed.

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

Cougartron  
Hesselager 15  
2605 Brøndby  
Denmark

#### 1.4. Emergency telephone number

tel. 0045 43 46 20 10

### SECTION 2. Hazards identification

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

CAS 144-55-8 EINECS 205-633.8

2.1.1 Classification according to Directive 1999/45/EEC:

Classification:

Nonhazardous

Nature of special risks attributed:

None in particular.

#### 2.2. Label elements

Labeling according to Directive (EC) No 1999/45:

Provided symbols:

No hazard symbol expected

Attributed risk:

The product does not introduce specific risks.

Precautionary statements:

No safety advice provided.

Safety data sheet available for professional user on request

#### 2.3. Other hazards

Substance/mixture meets the criteria for PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

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### SECTION 3. Composition/information on ingredients

#### 3.1 Substances

Irrilevant

#### 3.2 Mixtures

Refer to paragraph 16 for full text of risk phrases and hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
sodium hydrogen carbonate	> 1 <= 5%			144-55-8	205-633.8	
2-(2-butoxyethoxy)ethanol	> 0,1 <= 1%	Xi; R36 Eye Irrit. 2, H319	603-096-00-8	112-34-5	203-961-6	

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

No data available.

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

#### 5.3. Advice for firefighters

Use protection for the breathing apparatus

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Safety helmet and full protective suit.  
The spray water can be used to protect the people involved in the extinction  
You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)  
Keep containers cool with water spray

### SECTION 6. Accidental release measures

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

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

6.1.2 For emergency responders:

Wear gloves and protective clothing

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

#### 6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.

Discharge the remains in compliance with the regulations

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

6.3.1 For containment:

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

#### 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

### SECTION 7. Handling and storage

#### 7.1. Precautions for safe handling

Avoid contact and inhalation of vapors. See also paragraph 8 below.

At work do not eat or drink.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and `direct exposure of sunlight.

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

Industrial Manufacturing (all):

Handle with extreme caution.

Store in a well ventilated area, away from direct heat sources.

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Public domain (administration, education, entertainment, services, craftsmen):

Handle with care.

Store in a dry, ventilated place away from sources of heat,

Keep container tightly closed.

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

Related to substances:

2 - (2-butoxyethoxy) ethanol

MAK: 100 mg / m<sup>3</sup> Peak limitation category: I (1) Pregnancy risk group: C (DFG 2003).

#### 8.2. Exposure controls

Appropriate engineering controls:

Industrial Manufacturing (all):

No specific control expected

Public domain (administration, education, entertainment, services, craftsmen):

No inspection planned

Individual protection measures:

(a) Eye / face protection

Not needed for normal use.

(b) Skin protection

(i) Hand protection

Not needed for normal use.

(ii) Other

Wear normal work clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

### SECTION 9. Physical and chemical properties

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

Physical and chemical properties	Value	Determination method
Appearance	liquid	
Odour	odourless	
Odour threshold	not determined	non determinata

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Physical and chemical properties	Value	Determination method
pH	8,4±0,5	
Melting point/freezing point	not determined	not determined
Initial boiling point and boiling range	not determined	not determined
Flash point	nonflammable	ASTM D92
Evaporation rate	not determined	not determined
Flammability (solid, gas)	irrelevant	non applicable
Upper/lower flammability or explosive limits	irrelevant	non applicable
Vapour pressure	not determined	not determined
Vapour density	not determined	not determined
Relative density	ca. 1	
Solubility	in water	
Water solubility	totally	
Partition coefficient: n-octanol/water	not determined	not determined
Auto-ignition temperature	irrelevant	
Decomposition temperature	not determined	not determined
Viscosity	not determined	not determined
Explosive properties	not explosive	non applicable
Oxidising properties	non-oxidizing	

### 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazards

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

Nothing to report

### 10.5. Incompatible materials

acid

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

### SECTION 11. Toxicological information

#### 11.1. Information on toxicological effects

- (a) acute toxicity: not applicable
- (b) irritation: not applicable
- (c) corrosivity: not applicable
- (d) sensitisation: not applicable
- (e) repeated dose toxicity: not applicable
- (f) carcinogenicity: not applicable
- (g) mutagenicity: not applicable
- (h) toxicity for reproduction: not applicable

Health hazards:

Eye contact: Accidental contact of product with eyes may cause irritation.

Skin Contact: Product is not an irritant. Prolonged or repeated contact may defat and irritate the skin and cause dermatitis in some cases.

Ingestion: The ingestion of large quantities may cause irritation of the mucous membranes of the throat and digestive system causing digestive symptoms and abnormal intestinal disorders.

Inhalation: Prolonged exposure to vapors or mists of the product may cause irritation to the respiratory tract.

Related to substances:

2 - (2-butoxyethoxy) ethanol

INHALATION RISK: A harmful contamination of the air will be reached slowly on evaporation of this substance at 20 C, but on spraying or dispersing, much more quickly.

EFFECTS OF SHORT-TERM EXPOSURE: The substance irritating to eyes

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: The liquid defats the skin.

### SECTION 12. Ecological information

#### 12.1. Toxicity

2 - (2-butoxyethoxy) ethanol  
C (E) L50 (mg / l) = 2700

Use according to good working practices to avoid pollution into the environment.

#### 12.2. Persistence and degradability

Related to substances:

2 - (2-butoxyethoxy) ethanol

The substance is soluble in water and is expected to leach into groundwater, lost in groundwater and be biodegraded.

#### 12.3. Bioaccumulative potential

2 - (2-butoxyethoxy) ethanol  
C (E) L50 (mg / l) = 2700

#### 12.4. Mobility in soil

2 - (2-butoxyethoxy) ethanol  
C (E) L50 (mg / l) = 2700

#### 12.5. Results of PBT and vPvB assessment

Substance/mixture meets the criteria for PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

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### 12.6. Other adverse effects

No adverse effects

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.  
Recover if possible. Operate according to local or national regulations

## SECTION 14. Transport information

### 14.1. UN number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

### 14.2. UN proper shipping name

None

### 14.3. Transport hazard class(es)

None

### 14.4. Packing group

None

### 14.5. Environmental hazards

None

### 14.6. Special precautions for user

No data available.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

## SECTION 15. Regulatory information

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

No data available.

### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

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### SECTION 16. Other information

#### 16.1. Other information

Description of the sentences of risk set out in paragraph 3

R36 = Irritating to eyes.

Description of the hazard statements exposed to point 3

H319 = Causes serious eye irritation.

Classification based on data of all mixture components

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