

**CGT-N5**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name	CGT-N5
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

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

Identified Use(s)	PC35 Washing and cleaning products (including solvent based products)
Uses Advised Against	Not known.

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

Manufacturer	
Company Identification	BM Group International APS
Address of Manufacturer	Marielundvej 48D
Postal code	Herlev 2730
Telephone	+45 43 46 20 10
E-mail	sales@cougartron.com
Supplier	
Company Identification	BM Group International APS
Address of Supplier	Marielundvej 48D
Postal code	Herlev 2730
Telephone:	+45 43 46 20 10
E-mail	sales@cougartron.com

**1.4 Emergency telephone number**

Emergency Phone No.	+45 43 46 20 10
Contact	Office
National response center	
Address	NHS Direct
Emergency Phone No.	+44 111

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP)	Not classified as dangerous for supply/use.
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**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)	
Product Name	CGT-N5
Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	EUH210: Safety data sheet available on request.
Precautionary Statement(s)	None.

**2.3 Other hazards**

None known.

**CGT-N5**

**2.4 Additional Information**

For full text of H/P Statements see section 16.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
2-butoxyethanol	111-76-2	203-905-0 01-2119475108-36-XXXX	≥ 5 - < 10 %	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Acute Tox. 4 H332	GHS07
Ethanol	64-17-5	200-578-6 01-2119457610-43-XXXX	≥ 5 - < 10 %	Flam. Liq. 2 H225 Eye Irrit. 2 H319	GHS02 GHS07
ammonia, anhydrous	7664-41-7	231-635-3	≥ 0,1 - < 0,2 %	Flam. Gas 2 H221 Press. Gas H280 Skin Corr. 1B H314 Acute Tox. 3 H331 Aquatic Acute 1 H400	GHS04 GHS06 GHS05 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
2-butoxyethanol	111-76-2			Acute Tox. 4 (H302) : 1200.000 (15th ATP) Acute Tox. 4 (H332) : 11.000
Ethanol	64-17-5	Eye Irrit. 2 C ≥ 50.00 < 100.00		
ammonia, anhydrous	7664-41-7			Acute Tox. 3 (H331) : 3.000

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with soap and water. Replace missing skin fat after the hand washing by using fatty ointment.
Eye Contact	Flush eyes with water for at least 15 minutes. If symptoms persist, obtain medical attention.
Ingestion	Rinse mouth. Seek medical attention if ill effects occur.

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

None anticipated.

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

Unlikely to be required but if necessary treat symptomatically.

**CGT-N5****SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable Extinguishing media                      Use polar resistant foam, CO2 or dry powder to extinguish.  
Unsuitable extinguishing media                      Do not use water jet.

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

Decomposes in a fire giving off toxic fumes: Nitrogen oxides, Carbon monoxide,  
Carbon dioxide .

**5.3 Advice for firefighters**

As appropriate for surrounding fire. A self contained breathing apparatus and  
suitable protective clothing should be worn in fire conditions.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.  
Avoid standing or walking on spilled product - loose beads may cause a slipping  
hazard.

**6.2 Environmental precautions**

Do not release large quantities into the surface water or into drains.

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

Adsorb spillages onto sand, earth or any suitable adsorbent material.

**6.4 Reference to other sections**

See Also Section 8, 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Keep container tightly closed.

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

Storage temperature                      Ambient. Protect from frost.  
Storage life                                      Stable under normal conditions.  
Incompatible materials                      None known.

**7.3 Specific end use(s)**

Observe technical data sheet / instructions for use.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****8.1.1 Occupational Exposure Limits**

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
2-Butoxyethanol	111-76-2	25	123	50	246	Sk, BMGV
Ammonia, anhydrous	7664-41-7	25	18	35	25	
Ethanol	64-17-5	1000	1920			

## CGT-N5

Region	Source
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)
Remark	Notes
Sk	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.
BMGV	Biological monitoring guidance values are listed in Table 2.

Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
2-Butoxyethanol	111-76-2	240 mmol butoxyacetic acid/mol creatinine in urine	Post shift			

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear impervious gloves (EN374).

Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

Recommended: Nitrile rubber; 480min; thickness of coating 0.4mm



Respiratory protection

Respiratory protection necessary at/for: Exposure limit values. Gas filtering respirator (DIN EN 14387) A suitable mask with filter type A may be appropriate.



Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Clear.
Odour	Characteristic
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	90°C
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	47 °C
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.

**CGT-N5**

pH	< 10.8.
Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Completely miscible with water. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known.
Relative vapour density	Not known.
Particle characteristics	Not applicable.

**9.2 Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

None anticipated.

**10.2 Chemical Stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4 Conditions to avoid**

Keep away from naked flames, incandescent or hot surfaces.

**10.5 Incompatible materials**

Not known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity - Ingestion	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 24000.00000
Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 204.97000
Skin corrosion/irritation	Causes mild skin irritation.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

**CGT-N5****11.2 Information on other hazards**

Not known.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Toxicity - Aquatic invertebrates Low toxicity to invertebrates.

Toxicity - Fish Low toxicity to fish.

Toxicity - Algae Low toxicity to algae.

Toxicity - Sediment Compartment Not classified.

Toxicity - Terrestrial Compartment Not classified.

**12.2 Persistence and degradability**

The product is readily biodegradable.

**12.3 Bioaccumulative potential**

The product has low potential for bioaccumulation.

**12.4 Mobility in soil**

Soluble in water. The product is predicted to have high mobility in soil.

**12.5 Results of PBT and vPvB assessment**

Not classified as PBT or vPvB.

**12.6 Endocrine disrupting properties**

None known.

**12.7 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose at suitable refuse site.

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION**

Not classified as hazardous for transport.

**14.1 UN number or ID number**

Not applicable

**14.2 UN proper shipping name**

Not applicable

**14.3 Transport hazard class(es)**

Not applicable

**14.4 Packing group**

Not applicable

**14.5 Environmental hazards**

Not classified as a Marine Pollutant.

**14.6 Special precautions for user**

Not known

**CGT-N5****14.7 Maritime transport in bulk according to IMO instruments**

Not known

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles 2-butoxyethanol (111-76-2), ammonia, anhydrous (7664-41-7), Ethanol (64-17-5)

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

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**National regulations**

Other Not known.

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1-16

**LEGEND**

Hazard Pictogram(s)

GHS02: GHS: Flame

GHS04: GHS: Gas cylinder

GHS05: GHS: Corrosion

GHS06: GHS: Skull and crossbones

GHS07: GHS: Exclamation mark

GHS09: GHS: Environment

Hazard classification

Flam. Gas 2 : Flammable gas, Category 2

Flam. Liq. 2 : Flammable liquid, Category 2

Press. Gas : Gases under pressure

Acute Tox. 4 : Acute toxicity, Category 4

Skin Corr. 1B : Skin corrosion/irritation, Category 1B

**CGT-N5**

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Acute Tox. 3 : Acute toxicity, Category 3

Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

**Hazard Statement(s)**

H221: Flammable gas.

H225: Highly flammable liquid and vapour.

H280: Contains gas under pressure; may explode if heated.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

EUH210: Safety data sheet available on request.

**Acronyms**

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

EC : European Community

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP)  
data used to compile the SDS

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