

SAFETY DATA SHEET

According to 2015/830/EC



CGT-550G

Date: 21.09.2017

Revision:

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

1.1. Product identifier

Product name:

CGT-550G

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

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 Corr. 1B

H314 Causes severe skin burns and eye damage.

2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008

Signal word:

DANGER

Pictograms:



Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

Prevention

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

Response

P303+P361+P353

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

P305+P351+P338

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

P310

Immediately call a POISON CENTER/doctor.

Storage

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P405 Store locked up.**Removal****P501** Dispose of contents/container to: in accordance with local regulation**Additional information****Declaration in accordance with EC Detergent Regulation 648/2004**

< 5% anionic surfactants

> 30% phosphate

Contains: phosphoric acid**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
phosphoric acid	Index 015-011-00-6 CAS Nr 7664-38-2 EC-Nr 231-633-2	Skin Corr. 1B	H314 < 35
citric acid	Index --- CAS Nr 5949-29-1 EF-Nr 201-069-1 02-2119773813-30-0000	Eye Irrit. 2	H319 < 10

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.

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.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use water spray, alcohol resistant foam, powder or carbon dioxide (CO₂).

Unsuitable extinguishing media: do not use water jet

5.2. Special hazards arising from the substance or mixture

Specific hazards during fire.

Thermal decomposition can cause dense black smoke with hazardous combustion products..

Impact on decomposition products may damage the health..

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.

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 applications other than those identified in Section 1

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

TLV: 1 mg / m³, TWA mg / m³ as STEL.

MAK (inhalation fraction): 2 mg / m

EU OEL: 1 mg / m³ (8: 0), 2 mg / m³ (short-term)

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:	Green
Odour:	Odorless
pH-value:	1-2
Melting / Freezing Point:	No data available.
Initial boiling point and boiling range:	135°C
Flash point:	No data available.
Ignition temperature:	No data available.
Evaporation rate:	Not applicable
Flammability (solid, gas):	Not applicable
Upper / lower flammability or upper / lower explosion limit:	No data available.
Vapour pressure:	0,04 hPa
Vapor density (air=1):	No data available.
Relative density:	1,4 g/cm ³ a 20°C
Solubility in water:	No data available.
The solubility in organic solvents:	No data available.
Partition coefficient (n-octanol/water):	Not applicable.

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Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	<2000 mPa * s
Explosive properties:	No data available.
Oxidising properties:	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

No data available.

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

LD50 acute dermal 2740 mg / kg [rabbits]

Skin corrosion/irritation

Causes severe skin burns

Serious eye damage/irritation

Causes severe eye damage.

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

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Acute toxicity

LC50 138 mg / l (96 hours) [Fish] - Gambusia affinis

EC50 270 mg / l [Bacteria] - activated sludge

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

The substance does not fulfil the PBT criteria and not the vPvB criteria.

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods




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
14.1. UN number	3264	3264	3264
14.2. UN proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.OS. (Fosforihappo)		
14.3. Transport hazard class(es)	8	8	8
Label no. :			
14.4. Packing group	III	III	III
14.5. Environmental hazards	---	---	---
14.6. Special precautions for user	EmS : F-A, S-B		
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code	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.

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- 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:

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation

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:

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