

Prepared on the basis of EU Regulation 1907/2006 (REACH)

Safety data sheet - english

Developed: 06-10-2021

SDS version: 1.4

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

1.1. Product identifier

Trade name: TG DEE-ICER

Product-nr.: L903

1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended uses: Food salt, Agriculture and industrial use.

Uses advised against: May only be used as described above, other uses must be done in consultation with the supplier.

1.3. Details of the supplier of the safety data sheet

Company name and address:

TG-CLEAN A/S

Værkstedvej 24A

DK-4600 Køge

Tlf.: +45 43908400

www.tg-clean.dk

Contact person and email:

info@tg-clean

1.4. Emergency telephone:

Poisen line: +45 82 12 12 12

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP (1272/2008): Eye Irrit. 2; H319.

2.2. Labeling elements



Signal word:

Warning

Causes serious eye irritation. (H319)

If you need medical attention, bring the container or label. (P101)

Keep out of reach of children. (P102)

Wear protective gloves / eye protection / face protection. (P280)

IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses if this can be done easily. Continue rinsing. (P305 + P351 + P338)

Dispose of contents / container in accordance with local waste regulations. (P501)

2.3. Other hazards

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Other marking:

-

Other things

-

SECTION 3: Composition / information on ingredients

3.1/3.2. Stoffer/Blandinger

ingredient	Index-nr.	CAS/EF-nr.	CLP classification	w/w %	Note
Calciumchlorid	017-013-00-2	10043-52-4/ 233-140-8	Eye irrit. 2;H319	72-95	-

Wording of H-phrases - see below in point 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Find fresh air. Keep the injured person under supervision. Seek medical attention if discomfort continues.

Rinse mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical attention if discomfort continues.

intake:

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Skin:	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if discomfort continues.
Eyes:	Rinse immediately with water (preferably from eye rinse) for at least 5 min. Play up the eye well. Remove any contact lenses. Seek medical attention. When contacting a doctor, bring a safety data sheet or label.

Additional information:

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

Irritant effects: The product contains substances that are irritating by skin / eye contact or by inhalation. Contact with irritating substances can result in the contact area being more exposed to the uptake of harmful substances such as allergens.

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

Show this safety data sheet to a doctor or emergency room.

SECTION 5: Firefighting

5.1. Extinguishing media

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water jet as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not immediately flammable. Avoid inhalation of vapors and fumes - seek fresh air. In the event of a fire, the product and dangerous gases such as COX can be decomposed. In case of fire, a thick black smoke will form. If you are exposed to degradation products, it can cause health damage. Closed containers exposed to fire are cooled with water. Do not allow fire-fighting water to enter drains or watercourses.

5.3. Instructions for firefighters

Contaminated extinguishing water is sent for destruction.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment - see section 8. Avoid contact with skin and eyes.

6.2. Environmental protection measures

Avoid discharge to the sewer - see section 12. Contact the authorities in connection with contamination of soil and aquatic environment and in case of discharge to the sewer.

6.3. Methods and material for containment and cleaning up

Waste is contained and collected with sand or other absorbent material and transferred to suitable waste containers. See section 13 for disposal.

6.4. Reference to other points

See above.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

See under pkt. 8 for information on precautions for use and personal protective equipment. The product should be used in well-ventilated conditions. There should be access to running water and eyewash.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and not with food, feed, medicines and the like. Should be stored in tightly closed original packaging. Must be stored dry.

7.3. Special applications

See application pkt. 1.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Limit values according to Executive Order no. 1426 of 28/06/2021 on limit values for substances and materials: values:- **DNEL/PNEC-values**

DNEL – Calciumchlorid:

Workers

Inhalation - Chronic Local 5 mg/m³

Inhalation - Acute Local 10 mg/m³

Consumers

Inhalation - Chronic Local 2,5 mg/m³

Inhalation - Acute Local 5 mg/m³

8.2. Exposure controls

There is no exposure scenario for this product.

Appropriate measures for exposure control:

Wash hands before breaks, toilet visits and after work. Use protective equipment as indicated below when working with the product.

Personal protection:



Respiratory protection:	In case of insufficient ventilation, wear respirator with filter P2
Hand protection:	wear nitrile rubber protective gloves.
Eye / face protection	wear goggles or face shield.
Skin protection:	Not required.

Measures to limit exposure to the environment

When using the product, make sure there are available containment materials nearby. If possible, use a waste bin during work.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	White pearls
Odor	Odorless
Odor threshold:	-
pH:	8,5 (45%resolution)
Melting point / Freezing point (° C):	772
Initial boiling point and boiling range (° C):	>1600
Flaming point (° C):	-
Evaporation rate:	-
Flammability (solid, gas):	-
Upper / lower ignition or explosion limits (vol%):	-
Vapor pressure (Pa):	-
Vapor density (air = 1):	-
Relative density (g / cm ³)	1,83
Solubility:	745 g/l (20 °C)
Partition coefficient: n-octanol / water:	-
Auto-ignition temperature (° C):	-
Decomposition temperature (° C):	-
Viscosity:	-
Explosive properties:	-
Other oxidizing properties:	-

9.2. Other Informations

Soluble in fat:	-
Surface tension (mN / m, 25 ° C):	-

SECTION 10: Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

Normally stable under the recommended storage conditions.

10.3. Possibility of hazardous reactions

No risk of dangerous reactions.

10.4. Conditions to avoid

No special.

10.5. Materials to avoid

No one knew.

10.6. Hazardous decomposition products

None at the recommended storage conditions.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: The data base does not give rise to classification.

Substance	Exposure route	Nature	Test	Result
Calciumchlorid	Oral	Rabbit	LD50	$\geq 500 - \leq 1$
Calciumchlorid	Dermalt	Rabbit	LD50	$> 5000 \text{ mg/kg bw}$

Skin corrosion / irritation: May be slightly irritating.

Serious eye damage / eye irritation: Irritating to eyes. Gives burning and tearing.

Respiratory or skin sensitization: The data base does not give rise to classification. Germ cell

mutagenicity: The data base does not give rise to classification.

Carcinogenicity: The data base does not give rise to classification.

Reproductive toxicity: The data base does not give rise to classification.

Simple STOT exposure: The data base does not give rise to classification.

Repeated STOT exposures: The data base does not give rise to classification.

Aspiration hazard: The data base does not give rise to classification.

SECTION 12: Ecological information

12.1. Toksicitet

Substance	Duration of the test	Nature	Test	Result
Calciumchlorid	48 hours	Fish	LC50	$> 6560 \text{ mg/L}$
Calciumchlorid	72 hours	Algae	EC50	2900 mg/L

12.2. Persistens og nedbrydelighed

Substans	Degradability in the aquatic environment	Test	Result
No data	-	-	-

12.3. Bioaccumulative potential

Substance	substPotential bioaccumulative barrier	LogPow	BCF
	-	-	-

12.4. Mobility in soil

-

12.5. Results of PBT and vPvB assessment The mixture does not meet the criteria for PBT or vPvB.

12.6. Other adverse effects

None.

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SECTION 13: Disposal

13.1. Waste treatment methods

The product is covered by the rules on hazardous waste. Waste and waste are collected in closed and sealed containers that are disposed of via the municipal waste scheme for hazardous waste with the specifications below.

Chemical waste group	EAK- kode	Waste type
X	16 05 07	Discarded inorganic chemicals consisting of or containing dangerous substances

Special labeling:

-

Contaminated packaging:

Packaging, with residual content of the product, is disposed of under the same conditions as the product.

SECTION 14: Transport information

The product is not covered by the rules on the transport of dangerous goods by road and sea according to ADR and IMDG. 14.1 -14.4.

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14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Oplysninger om regulering

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

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Restrictions on use:

-

Requirements for special education:

-

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Sources:

The Danish Working Environment Authority's executive order no. 301 of 13 May 1993 on the determination of code numbers, with subsequent amendments.

Executive Order on work with substances and materials (chemical agents) - BEK no. 1793 of 18/12/2015.

The Danish Working Environment Authority's executive order no. 1049 of 30 May 2021 on young people's work, with subsequent amendments. Executive Order no. 1369 of 25 November 2015 on the marketing and labeling of volatile organic compounds in certain paints and varnishes as well as products for car repair painting.

Executive Order no. 1075 of 24 November 2011 on classification, packaging, labeling, sale and storage of substances and mixtures, with subsequent amendments.

Executive Order no. 115 of 26 January 2017 of the Chemicals Act.

Executive Order on special duties for manufacturers, suppliers and importers, etc. of substances and materials in accordance with the Working Environment Act - BEK no. 1794 of 18/12/2015.

Executive Order no. 1426 of 28/06/2021 on limit values for substances and materials.

Executive Order no. 2159 of 09/12/2020 on waste, with subsequent amendments.

15.2. Chemical safety assessment

None.

SECTION 16: Andre oplysninger

Other information:

Sources:

EU Regulation No 1907/2006 (REACH).

EU Regulation 1272/2008 (CLP), as amended. EU Regulation No 276/2010.

ECHA - European Chemicals Agency.

Full text of H / R phrases referred to under section 3: H319 - Causes serious eye irritation.

Klassificering i henhold til forordning (EF) nr. 1272/2008:	
Eye Irrit. 2;H319	Calculation method

Abbreviations and acronyms used in the safety data sheet:

REACH: Registration, assessment, approval and restriction of chemicals. Regulation (EC) No 1907/2006.

CLP: Regulation (EC) No 1272/2008 on classification, labeling and packaging.

CAS No .: Chemical Abstracts Service Number.

EC No .: EINECS and ELINCS numbers (see also EINECS and ELINCS).

DNEL: Derived No-Effect Level.

PNEC: Calculated Predicted No Effect Concentration.

STOT: Specific Target Organ Toxicity.

LD50: Lethal Dose for 50% of a trial population.

LC50: Lethal Concentration for 50% of an experimental population.

EC50: The effective substance concentration that results in 50% of maximal response.

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

Other things:

The information in this safety data sheet only applies to the product mentioned in point 1 and is not necessarily valid when used with other products.

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Changes have been made to the following points:

1-16 - General update.

This safety data sheet replaces version:

1.3 (17-02-2020)
