

SAFETY DATA SHEET

LIQUID ICE

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Compilation date: 14/01/2014

Revision No: 1

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

1.1. Product identifier

Product name: LIQUID ICE

Product code: 61017A

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

1.3. Details of the supplier of the safety data sheet

Company name: TG-Clean A/S

Vaerkstedsvej 24 A

4600 Koege

4600 Koege

Denmark

Tel: 00 45 43 90 84 00

Email: tg@tg-clean.dk

1.4. Emergency telephone number

Emergency tel: 00 45 43 90 84 00

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Xi: R36

Most important adverse effects: Irritating to eyes.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: Irritant.



Risk phrases: R36: Irritating to eyes.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

[cont...]

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3.2. Mixtures

Hazardous ingredients:

CALCIUM CHLORIDE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
233-140-8	10043-52-4	Xi: R36	Eye Irrit. 2: H319	10-30%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Do not induce vomiting. Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

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

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water.

[cont...]

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6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Clear Straw

Solubility in water: Highly soluble

Viscosity: Non-viscous

Boiling point/range°C: 110

Flash point°C: >93

pH: Approx. 7

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

[cont...]

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10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

CALCIUM CHLORIDE

IPR	RAT	LD50	264	mg/kg
ORL	MUS	LD50	1940	mg/kg
ORL	RAT	LD50	1	gm/kg
SCU	RAT	LD50	2630	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
BLUEGILL (<i>Lepomis macrochirus</i>)	96H LC50	8500-10500	mg/l

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

[cont...]

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12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: Not Regulated

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H319: Causes serious eye irritation.

R36: Irritating to eyes.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.