

Material Safety Data Sheet



Section 1. Product and company identification

Product name : **KRYSTALIN** **Code** : 3719

Product description : Glass cleaner - Apple scent

Supplier/Manufacturer : **CHOISY LABORATORIES LTD.** Phone: (819) 228-5564
390, St-Laurent East, P.O. Box 6 E-mail: info@choisy.com
Louiseville (Quebec) J5V 2L7 www.choisy.com

In case of emergency : **Quebec Poison Control Centre:** (24 hours service)
-Quebec: (800) 463-5060 (no charge)
-All other places: (418) 656-8090
CANUTEC: (613) 996-6666 (collect)

Section 2. Hazards identification

Physical state : Liquid. [Transparent liquid.]

Signal word : CAUTION!
MAY CAUSE EYE IRRITATION.
See toxicological information (Section 11)

Section 3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
- Dipropylene glycol methyl ether	34590-94-8	5 - 10

Section 4. First aid measures

Eye contact : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

Skin contact : Flush contaminated skin with plenty of water. If irritation persists, get medical attention.

Inhalation : Move exposed person to fresh air. Get medical attention if symptoms occur.

Ingestion : If material has been swallowed, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.

Section 5. Fire-fighting measures

Flammability of the product : No specific fire or explosion hazard.

Flash point : Closed cup: >93.3°C [Pensky-Martens, closed cup.] [Product does not sustain combustion.]

Extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental release measures

Personal precautions : No action shall be taken involving any personal risk or without suitable training. Do not touch or walk through spilled material.

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up : Stop leak if without risk. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and storage

- Handling** : Avoid contact with skin and eyes. Avoid breathing vapor or spray. Manipulate with care, avoid splashes.
- Storage** : Store in accordance with local regulations. Keep out of reach of children. Store away from direct sunlight. Do not store in unlabeled containers. Keep container tightly closed in a cool, well-ventilated place.

Section 8. Exposure controls/personal protection

- Engineering measures** : No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels.

Personal protection

- Eyes** : Safety glasses recommended.
- Hands** : No protective gloves required under normal handling conditions.
- Respiratory** : No respiratory protection required under normal handling conditions.
- Other** : Not applicable.

Industrial Hygiene - Occupational Exposure Limits

- | Ingredient | Exposure limits |
|-----------------------------------|--|
| - Dipropylene glycol methyl ether | ACGIH TLV (United States).
STEL: 150 ppm
OSHA PEL (United States).
TWA: 100 ppm |

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

- Physical state** : Liquid. [Transparent liquid.]
- Color** : Green.
- Odor** : Green apple-like.
- pH** : 4.1 to 4.6
- Viscosity** : Not available.
- Boiling/condensation point** : 100°C
- Melting/freezing point** : 0°C
- Relative density** : 1 to 1.005
- Solubility** : Easily soluble in the following materials: cold water and hot water.

Section 10. Stability and reactivity

- Chemical stability** : The product is stable.
- Conditions to avoid** : No specific data.
- Materials to avoid** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

Section 11. Toxicological information

Potential acute health effects

- Eyes** : Moderately irritating to eyes.
- Skin** : Slightly irritating to the skin.
- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Potential chronic health effects

- Carcinogenic Effects** : No known significant effects or critical hazards.

Section 11. Toxicological information

- Mutagenic Effects** : No known significant effects or critical hazards.
Teratogenic Effects : No known significant effects or critical hazards.
Reproductive effects : No known significant effects or critical hazards.
Sensitizer : No known significant effects or critical hazards.

Toxicity data

Product/ingredient name	Test	Species	Result
- Dipropylene glycol methyl ether	LD50 Dermal	Rabbit	9500 mg/kg
	LD50 Oral	Rat	>5000 mg/kg

Section 12. Ecological information

- Ecotoxicity** : No known significant effects or critical hazards.
Biodegradability : Not available.

Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
- Dipropylene glycol methyl ether	Acute LC50 1919 mg/l	Daphnia - Daphnia	48 hours

Section 13. Disposal considerations

- Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Consult your local or regional authorities.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
TDG Class	Not regulated.	-	-	-		Remarks Not regulated product (TDG)

PG* : Packing group

Section 15. Regulatory information**WHMIS (Canada) : D-2B**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other information

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Notice to reader

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