



## PolyKleen 9006

### Section 1. Identification

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**Common name:** PolyKleen 9006

**Synonym:** None

**Material uses:** Industrial cleaning solution

**Supplier / Manufacturer:**

**La Margna inc**

412 avenue Saint-Sacrement

Québec

Québec, Canada, G1N 3Y3

Phone: 1-800-463-6850

**In case of emergency:**

**CANUTEC: (613) 996-6666**

**Or call your local Emergency Health Services Center.**

### Section 2. Hazards identifications

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**Classification:**



Corrosive material to metals

Skin corrosion, Category 1

Serious eye damage, Category 1

Acute toxicity (oral), Category 4

**Signal word:** Danger

**Hazard statements:**

H290: May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

**Precautionary statements:**

P234: Keep only in original container.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P264: Wash exposed and/or contaminated area thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or a doctor.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
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 or a doctor.  
P321: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.  
P330: Rinse mouth.  
P363: Wash contaminated clothing before reuse.  
P390: Absorb spillage to prevent material damage.  
P405: Store locked up.  
P406: Store in a corrosive resistant container.  
P501: Dispose of contents / container by a local waste disposal company according to regional regulations.

### Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Urea hydrochloride	506-89-8	60 - 80

### Section 4. First aid measures

**Description of first aid if required:**

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye contact:**

Rinse eyes thoroughly with water for at least 15 minutes.

**Skin contact:**

Take off immediately all contaminated clothing. Rinse the skin with water.

**Inhalation:**

Bring the conscious victim to fresh air.

**Ingestion:**

Rinse mouth. DO NOT induce vomiting. Call a poison control center or doctor IMMEDIATELY.

**Indication of immediate medical attention and special treatment needed, if necessary:**

Treat according to symptoms.

**Most important acute symptoms and effects:**

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage.

**Most important delayed symptoms and effects:**

No known chronic effects or symptoms.

### Section 5. Fire fighting measures

**Flammability of the product:**

Non-flammable

**Flash point:**

N/A

**Auto-ignition temperature:**

N/A

**Products of combustion:**

Not applicable

**Special protective actions for fire-fighters:**

Wear self-contained breathing apparatus and appropriate protective clothing.

**Suitable extinguishing media:**

Use means of extinction the most suited to the surrounding materials.

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**Section 6. Accidental release measures**

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**Personal precautions, protective equipment and emergency procedures:**

**For non emergency personnel:** Evacuate the area.

**For emergency personnel:** Wear appropriate protective equipment and clothing during clean-up. (See section 8)

**Environmental precautions:**

Do not let product enter drains

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

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

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**Section 7. Handling and storage**

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**Precautions in Handling:**

Do not ingest. Do not breathe vapours. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

**Precautions in Storage:**

Keep container tightly closed in a cool, dry and well-ventilated place.

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**Section 8. Exposure Controls, Personal Protections**

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**Engineering controls:**

Use mechanical exhaust or laboratory fumehood to avoid exposure.

**Personal protective equipment:**

**Eyes:** Wear safety glasses.

**Skin/body:** Wear a lab coat or any other appropriate protective clothing.

**Respiratory:** If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

**Hands:** Wear chemical resistant protective gloves.

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**Section 9. Physical and chemical properties**

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**Physical state:** Liquid

**Color:** Clear

**Odour:** Characteristic

**Melting point/Freezing point:** 0°C / 32°F

**Boiling point:** 37.78°C / 100°F

**Appearance:** Liquid

**Flash point:** Data not available

**Auto-ignition temperature:** Data not available

**pH:** 1.5

**Solubility:** Not available

**Density:** 1.203

## Section 10. Stability and reactivity

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**Chemical reactivity:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** None expected

**Conditions to avoid:** Incompatibility materials

**Incompatible materials:** Strong bases, alkalis, metals (attack of many metals producing extremely flammable hydrogen which can form explosive mixtures with air.)

**Hazardous decomposition products:** None known

## Section 11. Toxicological information

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**Acute toxicity:**

Component	CAS	Value
Urea hydrochloride	506-89-8	DL <sub>50</sub> Oral: Rat = 1121 mg/kg

**Skin corrosion/irritation:**

Urea hydrochloride: Causes skin irritation

**Serious eye damage/irritation:**

Urea hydrochloride: Causes serious eye damage

**Respiratory or skin sensitisation:**

Not applicable

**Gem cell mutagenicity:**

Not applicable

**Carcinogenicity:**

Not applicable

**Reproductive toxicity:**

Not applicable

**STOT- Single exposure:**

Not applicable

**STOT- repeated exposure:**

Not applicable

**Aspiration hazard:**

Not applicable

**Information on likely route of exposure:**

Not applicable

## Section 12. Ecological information

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**Ecological data for aquatic environments:**

None

**Persistence and degradability:**

Data not available

**Bioaccumulative potential:**

Data not available

**Mobility in soil:**

Data not available


**Other adverse effects:**


Data not available


**Section 13. Disposal considerations****Waste disposal:**


Dispose of the chemical waste in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste.

**Section 14. Transportation information**

TDG		
UN #: UN3265	Proper shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride)	
Class: 8	Packing group: III	

DOT		
UN #: UN3265	Proper shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride)	
Class: 8	Packing group: III	

IMDG		
UN #: UN3265	Proper shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride)	
Class: 8	Packing group: III	

IATA		
UN #: UN3265	Proper shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Urea hydrochloride)	
Class: 8	Packing group: III	

**Section 15. Regulatory information****NFPA Classification:**

Health: 2  
Flammable: 0  
Reactivity: 1  
Specials conditions: 0

**Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous**

**General product information:**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the safety data sheet contains all of the required information.

## Section 16. Additional information

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**Date of issue:**

2020-02-14

**Version:**

1.00

**Elaborated by:**

Toxyscan inc.

**Notice to reader:**

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**Références:**

- *Répertoire toxicologique of la Commission des normes, de l'équité, de la santé et de la sécurité du travail.*
- *Registry of Toxic effects of Chemical Substances of the Canadian Centre for Occupational Health and Safety.*
- *Material safety data sheet from the manufacturer.*
- *Hazardous Products Regulations (DORS/2015-17).*
- *Canadian Transport of Dangerous Goods.*
- *GHS (rev.8) (2019) globally harmonized system of classification and labeling of chemicals - united nations*