



# POLY 400

## 1. IDENTIFICATION

**Product name** : **POLY 400**

**Product code** : **30-24040**      **Other means of identification** : Not available.

**Supplier** : Chimie Internationales inc.  
9585 ignace,  
Brossard, Qc, J4Y 2R4      **Manufacturer** : Manufactured for:  
Chimie Internationales inc.  
9585 ignace,  
Brossard, Qc, J4Y 2R4

**Identified uses** : Not available.      **Uses advised against** : Only use this product as directed. Read label before using.  
This MSDS is provided as information only. The product is not WHIMS regulated. The product is regulated under the PCP act and packaged as a consumer product. PCP 30717.

**Date of issue (YYYY-MM-DD)** : 2016-10-13

**In case of emergency** : **Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)**

## 2. HAZARDS IDENTIFICATION

Information in this section only concerns the product as supplied. Contact your account manager to get more information on diluted form hazards identification.

**Product Classification** : EYE IRRITATION - Category 2B

**Signal word** : Warning

**Hazard statements** : May cause eye irritation.

**Precautionary statements**

**General** : Read label before use. Keep out of reach of children.

**Prevention** : Specific protective equipment is suggested for this product. See section 8 for details.

**Response** : Rinse with water. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : No specific measure needed. See section 7 for more information on handling and storage.

**Disposal** : No specific measure needed. See section 13 for waste disposal information.

**Supplemental label elements** : No additional information.

**Other hazards which do not result in classification** : None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/mixture** : Mixture

Ingredient name	CAS number	% (w/w)
Poly [oxyethylene dimethylimino]ethylene(dimethylimino)ethylene dichloride	31075-24-8	30 - 60

Occupational exposure limits, if available, are listed in Section 8.



#### 4. FIRST AID MEASURES

##### Description of required first aid measures

<b>Eye contact</b>	In case of contact with eyes, flush with fresh water. Check for and remove any contact lenses. Continue rinsing. If irritation persists, get medical attention.
<b>Skin contact</b>	In case of irritation, rinse with water. Get medical attention if irritation persists.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
<b>Inhalation</b>	Move victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if adverse health effects persist or are severe. Maintain an open airway.

##### Most important symptoms/effects, acute and delayed

<b>Eye contact</b>	Adverse symptoms may include the following: irritation watering redness
<b>Skin contact</b>	No specific symptoms under normal use conditions.
<b>Ingestion</b>	No specific symptoms under normal use conditions.
<b>Inhalation</b>	No specific symptoms under normal use conditions.
<b>Notes to physician</b>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See toxicological information (Section 11)

#### 5. FIRE-FIGHTING MEASURES

##### Extinguishing media

<b>Suitable extinguishing media</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds
<b>Special fire-fighting procedures</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.
<b>Special protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Initiate spill response procedures if required.
<b>Personal protection</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Cleaning method</b>	Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use a water rinse for final clean-up.

#### 7. HANDLING AND STORAGE

<b>Handling</b>	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.
<b>Storage and Incompatibility</b>	Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children. Store away from incompatible materials (see Section 10).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limits

None.

**Appropriate engineering controls** Good general ventilation should be sufficient to control worker exposure to airborne contaminants that could arise from the use of this product.

### Individual protection measures

**Eye/face protection** Continued or severe exposures might require to wear a face shield or chemical splash goggles. It is minimally suggested to wear safety glasses while using or handling this product.

**Hands and Body protection** No specific protective equipment required under normal use conditions. Prolonged or severe exposures might require to wear chemical-resistant gloves.

**Respiratory protection** No specific protective equipment required under normal use conditions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid. [Limpid liquid]	<b>pH</b>	7	<b>Flash point</b>	[Product does not sustain combustion.]
<b>Color</b>	Green. [Dark]	<b>Relative density</b>	1	<b>Melting point</b>	Not available.
<b>Odor</b>	Characteristic.	<b>Viscosity</b>	Not available.	<b>Boiling point</b>	Not available.
<b>Odor threshold</b>	Not available.	<b>Vapor pressure</b>	Not available.	<b>Fire point</b>	: Not available.
<b>Solubility in water</b>	: Not available.	<b>Vapor density</b>	: Not available.	<b>Evaporation rate</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.	<b>Auto-ignition temperature</b>	: Not available.		
<b>Partition coefficient: n-octanol/ water</b>	: Not available.	<b>Flammability (solid, gas)</b>	: Not available.		
<b>Lower and upper explosive (flammable) limits</b>	: Not available.				

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	The product is stable.
<b>Incompatible materials</b>	No specific data.
<b>Conditions to avoid</b>	No specific data.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

<b>Route of exposure</b>	Not available.	
	<u>Potential acute health effects</u>	<u>Symptoms</u>
<b>Eye contact</b>	May cause eye irritation.	Adverse symptoms may include the following: irritation watering redness
<b>Skin contact</b>	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.
<b>Ingestion</b>	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.
<b>Inhalation</b>	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.

### Toxicity data

Product/ingredient name	Result	Species	Dose	Exposure



Poly [oxyethylene dimethylimino) ethylene(dimethylimino)ethylene dichloride]	LC50 Inhalation Vapor	Rat	2.9 g/m <sup>3</sup>	4 hours
	LD50 Dermal	Rabbit	2001 mg/kg	-
	LD50 Oral	Rat - Male	1951 mg/kg	-
	LD50 Oral	Rat - Female	2587 mg/kg	-

**Information on toxicological effects**

<b>Mutagenicity</b>	No known significant effects or critical hazards.			
<b>Teratogenicity</b>	No known significant effects or critical hazards.			
<b>Developmental effects</b>	No known significant effects or critical hazards.			
<b>Fertility effects</b>	No known significant effects or critical hazards.			
<b>Sensitization</b>	Poly [oxyethylene dimethylimino)ethylene (dimethylimino)ethylene dichloride]	skin	Guinea pig	Not sensitizing
<b>Carcinogenicity</b>	No known significant effects or critical hazards.			

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity data**

Product/ingredient name	Result	Species	Exposure
Poly [oxyethylene dimethylimino) ethylene(dimethylimino)ethylene dichloride]	Acute EC50 0.28 mg/l	Daphnia	48 hours
	Acute LC50 7.8 mg/L Marine water	Crustaceans	96 days
	Acute LC50 0.047 mg/L Fresh water	Fish	96 hours

**Persistence and degradability** : Unknown **Bioaccumulative potential** : Unknown **Mobility in soil** : Unknown **Other adverse effects** : Unknown

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods** Dispose content and container in accordance with local, regional and national regulation in force.

**14. TRANSPORT INFORMATION**

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	TDG Placard
<b>TDG Classification</b>	Not regulated.	-	-	-	-
<b>Additional information</b>	See shipping documents for specific information on DOT, IMDG or IATA				

**15. REGULATORY INFORMATION**

**Canadian lists**

<b>Canadian NPRI</b>	None of the components are listed.
<b>CEPA Toxic substances</b>	None of the components are listed.
<b>Canada inventory</b>	All components are listed or exempted.

**International lists**

**United States** All components are listed or exempted.



## 16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

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### Notice to reader

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