

# MATERIAL SAFETY DATA SHEET

## Section 1 IDENTIFICATION OF PRODUCT

### EMERGENCY PHONE :

(24 hours service)

Québec Poison Control Centre:

-Québec: (800) 463-5060 (no charge)

-All other places: (418) 656-8090

CANUTEC: (613) 996-6666 (collect)

CHOISY LABORATORIES LTD.

390, St-Laurent East, P.O. Box 6

Louiseville (Quebec) J5V 2L7

Phone: (819) 228-5564

E-mail: info@choisy.com

WHMIS class: B2 D-2B

No additional remark.

Trade name: **PROLIM**

Code: 7206

Description: Liquid neutral detergent for laundry

TDG Classification: UN1993 Class: 3 PG: III

Shipping Name: Flammable liquids, N.O.S.  
Isopropanol, solution

### Remarks

According to article 1.17 of TDG Clear Language Regulation, this product might be exempted for limited quantities.

## Section 2 HAZARDOUS INGREDIENTS

Technical Name	CAS	Conc. %	Test	Species	Result
- Polyethylene glycol (10-11) nonylphenyl ether	68412-54-4	30 - 60	LD50 Dermal LD50 Oral	Rabbit Rat	2000 mg/kg 1310 mg/kg
- Alcohols, C12-15, ethoxylated(3)	68131-39-5	5 - 10	LD50 Oral	Rat	2500 mg/kg
- Ethylene glycol	107-21-1	5 - 10	LD50 Dermal LD50 Oral	Rabbit Rat	9530 mg/kg 4700 mg/kg
- Isopropanol	67-63-0	5 - 10	LD50 Dermal LD50 Oral	Rabbit Rat	12800 mg/kg 5045 mg/kg

## Section 3 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid. [Transparent liquid.]	Color: Green.	Odor: Alcohol-like.	pH: 6 to 7,5 [Conc. (% w/w): 0,1%]
Boiling point (°C): 100°C (212°F)	Vapor density (air=1): >1 [Air = 1]		
Melting point (°C): <0°C (<32°F)	Volatile matters (% w/w): 40% (w/w)		
Specific gravity (water=1): 1,02 to 1,025	Solubility in water: Easily soluble in the following materials: cold water and hot water.		


## Section 4 FIRE AND EXPLOSION RISKS

Inflammability: Flammable.	Autoignition temperature (°C): Not available.
Flash point (°C): Closed cup: 30°C (86°F) [Pensky-Martens, closed cup.]	Flammable limits: Not available. (% by volume in air)
Extinguishing media: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.	
Special fire-fighting procedures	Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

## Section 5 PREVENTIVE MEASURES

Storage:	Store in accordance with local regulations. Store in a segregated and approved area. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers.
Step to be taken if material is released or spilled:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Put on appropriate personal protective equipment. 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. Use spark-proof tools and explosion-proof equipment.
Waste disposal:	Recycle, if possible. Consult your local or regional authorities.



Section 5 PREVENTIVE MEASURES (continued)		code: 7206
<b>Ventilation:</b>	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.	
<b>Protective clothing:</b>	<div>Eyes: splash goggles</div> <div>Hands: Gloves</div> <div>Respiratory:</div> <div>Others:</div>	<b>Pictogram Signs</b> 
<b>Handling:</b>	Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Store and use away from heat, sparks, open flame or any other ignition source.	
Section 6 REACTIVITY DATA		
<b>Stability:</b>	The product is stable.	
<b>Incompatibility: (materials to avoid)</b>	Slightly reactive or incompatible with the following materials: oxidizing materials, reducing materials, acids and alkalis.	
<b>Hazardous decomposition products:</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.	
<b>Conditions to avoid:</b>	Avoid all possible sources of ignition (spark or flame).	
Section 7 HEALTH HAZARD EFFECTS		
Slightly hazardous in case of eye contact (irritant), of ingestion.		
<b>Carcinogenic Effects</b>	No known significant effects or critical hazards.	
<b>Mutagenic Effects</b>	No known significant effects or critical hazards.	
<b>Teratogenic Effects</b>	No known significant effects or critical hazards.	
Section 8 EMERGENCY AND FIRST AID PROCEDURES		
<b>EYES:</b>	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.	
<b>SKIN:</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention.	
<b>INGESTION:</b>	If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person.	
<b>INHALATION:</b>	Move exposed person to fresh air. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Maintain an open airway. Get medical attention.	
Section 9 PREPARATION INFORMATION		
<b>Prepared by:</b>	Department of Research and Development of Choisy Laboratories Ltd.	<b>Phone:</b> (819) 228-5564  <b>Date:</b> 2008-01-22

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the company to make sure that the Material Safety Data Sheet is the latest one issued.