

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: Not controlled under WHMIS (Canada).
Not controlled (exemption): DIN 02243416.

Trade name: SPECTROL

Code: 3123

Description: Cleaner/Deodorizer Disinfectant Fungicide
Mildewstat Virucide Tuberculocide

TDG Classification: UN 1760 **Class:** 8 **PG:** III
Shipping Name: Corrosive liquids, N.O.S.
(Tetrasodium EDTA and sodium metasilicate, solution)

Remarks
Limited quantity in 5L or less

Section 2 HAZARDOUS INGREDIENTS

Technical Name	CAS	Conc. %	Test	Species	Result
- Diethylene glycol monobutyl ether	112-34-5	5 - 10	LD50 Dermal LD50 Oral	Rabbit Rat	4120 mg/kg 6560 mg/kg
- Tetrasodium EDTA	64-02-8	1 - 5	LD50 Oral	Rat	>2000 mg/kg

Section 3 PHYSICAL AND CHEMICAL PROPERTIES


Appearance: Liquid. [Transparent liquid.]	Color: Coral	Odor: Odorless.
Boiling point (°C): 100°C (212°F)	pH: 12 to 13	
Melting point (°C): <0°C (<32°F)	Vapor density (air=1):	>1 [Air = 1]
Specific gravity (water=1): 1,012 to 1,017	Solubility in water:	Easily soluble in the following materials: cold water and hot water.

Section 4 FIRE AND EXPLOSION RISKS

Inflammability: Non-flammable.	Autoignition temperature (°C): Not applicable.
Flash point (°C): Not available.	Flammable limits: (% by volume in air) Not available.
Extinguishing media: Not applicable.	
Special fire-fighting procedures	Not applicable.

Section 5 PREVENTIVE MEASURES

Storage:	Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials. Separate from acids. 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. 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.
Waste disposal:	Recycle, if possible. Consult your local or regional authorities.

Section 5 PREVENTIVE MEASURES (continued)		code: 3123
Ventilation:	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.	
Protective clothing:		Pictogram Signs 
Eyes:	splash goggles	
Hands:	natural rubber (latex)	
Respiratory:		
Others:		
Handling:	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 ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep away from acids.	
Section 6 REACTIVITY DATA		
Stability:	The product is stable.	
Incompatibility: (materials to avoid)	Slightly reactive or incompatible with the following materials: oxidizing materials, reducing materials, acids and alkalis.	
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.	
Conditions to avoid:	No specific data.	
Section 7 HEALTH HAZARD EFFECTS		
Very hazardous by the following route of exposure: of ingestion. Hazardous by the following route of exposure: of inhalation. Slightly hazardous by the following route of exposure: of skin contact (corrosive), of eye contact (corrosive). Liquid, spray or mist may produce tissue damage, particularly to mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath.		
Carcinogenic Effects	No known significant effects or critical hazards.	
Mutagenic Effects	No known significant effects or critical hazards.	
Teratogenic Effects	No known significant effects or critical hazards.	
Section 8 EMERGENCY AND FIRST AID PROCEDURES		
EYES:	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 immediately.	
SKIN:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Get medical attention immediately.	
INGESTION:	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. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. Get medical attention immediately.	
INHALATION:	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 immediately.	
Section 9 PREPARATION INFORMATION		
Prepared by:	Department of Research and Development of Choisy Laboratories Ltd.	Phone: (819) 228-5564
		Date: 2009-05-06

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.