



GLENGARRY CHEMICALS LTD.

100 Melford Drive, Unit 1
Scarborough, ON M1B 2G4
Phone: 416-757-1333 Fax: 416-757-9793

MATERIAL SAFETY DATA SHEET

Emergency Telephone Numbers:

CANUTEC: 1-613-996-6666

POISON CONTROL CENTRE: 1-800-268-9017

W.H.M.I.S. CLASSIFICATION: Not Controlled

SECTION I PRODUCT INFORMATION

Product Name : Starch Indicator Solution, R-024
Product Use : Analytical Reagent
Chemical Family : Organic Indicator
Chemical Formula : Mixture

SECTION II HAZARDOUS INGREDIENTS

COMPONENTS	Wt / Wt %	LD ₅₀ Oral-rat	HAZARD	CAS NO.
Contains no hazardous ingredients as defined by WHMIS Regulations				

SECTION III PHYSICAL STATE

Appearance and Physical State : Hazy white liquid

Odour : None Boiling Point (°C) : ~ 100

Specific Gravity (water = 1) : 1 Freezing Point (°C) : ~ 0

Vapour Pressure (mm Hg) : Not Available % Volatile (by weight) : > 60 (as Water)

Vapour Density (air = 1) : Not Available pH Product : 3.0 to 5.0

Evaporation Rate : Not Available pH 1% Solution :

Solubility in Water : Miscible Coefficient of Water/Oil Distribution : Not Applicable

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability: Non-Flammable

Upper Explosive Limit : Not Applicable Lower Explosive Limit : Not Applicable

Flash Point : Not Applicable

Means of Extinction: Appropriate for surrounding materials

Special Procedures : Self contained breathing apparatus and protective clothing should be worn in fighting all fires involving chemicals.

SECTION V HEALTH HAZARD DATA

A - EFFECTS OF ACUTE OVEREXPOSURE

EYES: May cause irritation.

SKIN: No adverse effects anticipated

INHALATION: No adverse effects anticipated

INGESTION: Not expected to be a health hazard via ingestion.

B - EFFECTS OF CHRONIC OVEREXPOSURE

No evidence of adverse effect from available information sources.

SECTION VI EMERGENCY AND FIRST AID

- EYES:** Not expected to require first aid measures. Wash thoroughly with running water. Get medical advice if irritation develops.
- SKIN:** Not expected to require first aid measures. Wash exposed area with soap and water. Get medical advice if irritation develops.
- INHALATION:** Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.
- INGESTION:** Not expected to require first aid measures. If large amounts were swallowed, give water to drink and get medical advice.

SECTION VII TOXICOLOGICAL DATA

- Exposure Limits:** Not Available
- Carcinogenicity:** The ingredients of this product are not classified as carcinogens by ACGIH or IARC, not regulated as carcinogen by OSHA, and not listed as carcinogen by NTP.
- Reproductive Effects:** No information is available, and no reproductive effects are anticipated.
- Mutagenic Effects:** No information is available, and no mutagenic effects are anticipated.
- Teratogenic Effects:** No information is available, and no teratogenic effects are anticipated.
- Sensitization:** No information is available.
- Routes of Entry:** Ingestion, Inhalation, Skin and eye absorption.

SECTION VIII SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Spilled Or Released:

Wear protective equipment. Collect and reuse. If contaminated, collect for disposal.

Disposal Procedures:

Follow your local, provincial, and federal government chemical disposal regulations.

SECTION IX PROTECTION INFORMATION

- Engineering Controls:** Local Exhaust
- Respiratory Protection:** Not normally required
- Protective Clothing:** Chemical resistant Gloves, apron or impervious protective clothing
- Eye Protection:** Safety Glasses
- Other Protective Equipment:** Eye Wash Station and Safety Shower

SECTION X REACTIVITY DATA

- Stability:** Stable
- Conditions to Avoid:** Incompatible materials
- Hazardous Polymerization:** Will Not Occur
- Incompatibility to Other Substances:**
Strong acids and oxidizing agents
- Hazardous Combustion Products:**
Carbon monoxide, carbon dioxide.

SECTION XI HANDLING AND STORAGE PRECAUTIONS

Use normal "good" industrial hygiene and housekeeping practices, and wear safety equipment when handling this material. Keep containers closed when not in use.

SECTION XII FURTHER INFORMATION

TDG CLASSIFICATION:

NOT REGULATED

Preparation Information:

Prepared By: Regulatory Department

Revision Date: 16-Sep-04

Preparation Date: 08-Apr-02

The information supplied above is presented in good faith and has been derived from sources believed to be reliable. However, no warranty, express or implied, is extended regarding its accuracy or the results to be obtained from its use. Products supplied by our company are sold under the condition that liability for any personal injury or damage whatsoever to any property real or personal arising from the handling or use will, in all cases, remain with the handler or user.