

McLAREN INK**EMERGENCY NUMBERS**CANUTEC: (613) 996-6666
POISON CONTROL CENTRE: 598-5900**MATERIAL SAFETY DATA SHEET****PRODUCT IDENTIFICATION**

Product Name: 5075 INK
 Chemical Name: Not applicable - mixture
 Synonyms: Not applicable
 Chemical Family: Ink
 Molecular Formula: Not applicable

HAZARDOUS INGREDIENTS OF MATERIALS

Name	%	LD ₅₀ (or LC ₅₀)	TLV/TWA (mg/m ³)	CAS NO.
Diethylene Glycol	60-100	oral rat, 12.6G/KG	Not established	111-46-6

PHYSICAL PROPERTIES

Appearance and Odour: liquid, mild odour
 Vapour Density: 3.7
 Boiling Point/Range: 246°C (474°F)
 Evaporation Rate: <0.01
 Melting/Freezing Point: -6.5°C (20°F)
 Solubility: 100%
 Vapour Pressure: <0.01 mm Hg; <0.001 kPa
 % Volatile by Volume: Not applicable
 pH: Not applicable
 Specific Gravity: <1.0 at 20/20°C

FIRST AID PROCEDURES

Inhalation: Remove to fresh air. Assist breathing if necessary.
 Contact with Skin: Remove contaminated clothing and flush skin with water.
 Contact with Eyes: Flush with water.
 Ingestion: If conscious, give two glasses of water and induce vomiting.
 Other Medical Care: Notes to Physician: If a significant quantity has been swallowed, the individual should be observed for signs of renal tubular dysfunction.

REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: Not applicable
Materials to Avoid: Not applicable
Hazardous Decomposition or Combustion Products: Burning may produce carbon monoxide and/or carbon dioxide

FIRE AND EXPLOSION DATA

Flash Point (method): Not applicable **Autoignition Temperature:** Not applicable

Flammability Limits in air: UEL (%): 12.3 (estimated) LEL(%): 2.0 (calculated)

Fire Extinguishing Media: Use water spray, CO₂, Dry chemical, alcohol-type or universal-type foams applied by manufacturers' recommended technique.

Fire Fighting Procedures: Do not spray fires directly. A solid stream of water or directed into hot, burning liquid can cause frothing. Use self-contained breathing apparatus and protective clothing.

Other Fire or Explosion Hazards: Not applicable

TOXICOLOGICAL AND HEALTH DATA

Recommended Exposure Limit (ACGIH TLV-TWA): Diethylene Glycol (100%): TLV = Not established

Toxicological Data: LD₅₀ (oral, human) = 1000 mg/kg;
 LD₅₀ (oral, dog) = 9000 mg/kg.

Carcinogenicity Data: The ingredients of this product are not listed as carcinogens by NTP (National Toxicology Program), not regulated as carcinogens by OSHA (Occupational Safety and Health Administration), and have not been evaluated as carcinogens by IARC (International Agency for Research on Cancer), or ACGIH (American Conference of Governmental Industrial Hygienists).

Reproductive Effects: No information is available and no adverse reproductive effects are anticipated.

Mutagenicity Data: No information is available and no adverse mutagenic effects are anticipated.

Teratogenicity Data: No information is available and no adverse teratogenic effects are anticipated.

Synergistic Materials: None reported

Effects of Exposure from:

Inhalation: Thermal degradation can cause formation of irritating vapours which may cause nausea in some people.

Skin Contact: None currently known

Eye Contact: May cause minimal eye irritation

Ingestion: Nausea, abdominal pain, vomiting, and diarrhea. Severe delayed renal cortical tubular necrosis may occur.

Other Health Effects: Short-term repeated ingestion of moderate quantities may produce renal failure. No effects of chronic overexposure known currently.

PREVENTATIVE MEASURES

Engineering Controls: Mechanical (general) is expected to be adequate

Respiratory Protection: None required in normal use

Skin Protection: Rubber or plastic protective gloves

Eye Protection: Monogoggles/face shield

Other Personal Protective Equipment: Eye bath and safety shower

Handling Procedures and Equipment: Harmful if swallowed. Do not breath mist. Avoid prolonged/repeated breathing of vapour. Avoid contact with eyes. Wash thoroughly after handling.

Storage Requirements: Not applicable

Other Precautions: Not applicable

Steps to be taken in the event of a spill or leak: Wear suitable protective equipment.
Small Spills: Flush with large quantities of water;
Large Spills: Collect for disposal.

Environmental Effects: A large spill might be detrimental to aquatic life.

Deactivating Chemicals: Not applicable

Waste Disposal Methods: Incinerate in a furnace in accordance with federal, provincial, state, and local regulations on chemical waste disposal.

TDG: SHIPPING INFORMATION

Shipping Name: 5075 Ink

Shipping Class: N/R

PIN: Not Regulated

Packing Group: Not Regulated

WHMIS Class: 1.2B

Date Issued: October 7, 1988

Date Revised: AUGUST,01 2008

Prepared By: J. Craig Beharen

MSDS Index No. :

The information set forth herein has been gathered from standard reference materials and/or McLaren Ink test data and to the best knowledge and belief of McLaren Ink accurate and reliable. Such information is offered solely for your consideration, investigation, and verification, and it is not suggested or guaranteed that the hazard precautions or procedures mentioned are the only ones which exist. McLaren Ink makes no warranties, express or implied, with respect to the use of such information or the use of the specific material identified herein in combination with any other material or process, and assumes no responsibility therefore.