

# MATERIAL SAFETY DATA SHEET

Effective Date: 2002/03/15

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** ScreenClean Presaturated Wipes; MCC-CDIG, MCC-CDIP, MCC-CDID

**Product Use:** Cleaner

**WHMIS Class:** Class B - Division 3: Combustible Liquid;  
Class D - Division 2B

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	B

**TDG Classification:** Flammable liquid, n.o.s. (Propylene glycol n-propyl ether); Class 3; UN1993; PG III

**Manufacturer Name and Address:**

Micro Care Corporation  
595 John Downey Drive  
New Britain, CT, USA 06051  
(860) 827-0626

**MSDS Prepared by:**

Dell Tech Laboratories Ltd.  
UWO Research Park, 100 Collip Circle  
London, Ontario N6G 4X8  
(519) 858-5021

**Emergency Phone:** 1-860-827-0626

## SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS#	Wt%	ACGIH-TLV	LC <sub>50</sub>	LD <sub>50</sub>
Ethyl Acetate	141-78-6	1 - 5	400 ppm TWA	4000 ppm 4 h, rat	5600 mg/kg oral, rat
Isopropanol	67-63-0	1 - 5	400 ppm TWA	16971 ppm 4 h, rat	4710 mg/kg oral, rat
Propylene glycol n-propyl ether	1569-01-3	40 - 70	Not available	Not available	2800 mg/kg oral, rat

## SECTION III - PHYSICAL DATA

**Boiling Point (°C):** 99  
**Vapour Pressure (mm Hg):** 1.7  
**Vapour Density (Air = 1):** 4.0  
**Solubility in Water:** Complete  
**Physical State:** Liquid  
**Appearance; Odour:** Clear, colourless; alcohol

**Specific Gravity (H<sub>2</sub>O = 1):** 0.88 @ 15°C  
**% Volatile (Wt %):** 100  
**Evaporation Rate (Ether = 1):** Not available  
**pH (100%):** Not available  
**Viscosity:** Water thin  
**Odour Threshold (ppm):** Not available

## SECTION IV - FIRE AND EXPLOSION DATA

**Flammability:** Combustible liquid by WHMIS criteria.  
**Flash Point (°C, TCC):** 48.9  
**Hazardous Combustion Products:** May include and are not limited to oxides of carbon.  
**Autoignition Temperature (°C):** Not available  
**Means of Extinction:** Dry chemical, water spray, foam, alcohol foam, carbon dioxide.  
**Special Fire Hazards:** Firefighters should wear self-contained breathing apparatus, vapour may accumulate in low areas.

## SECTION V - REACTIVITY DATA

**Conditions for Chemical Instability:** Stable.  
**Incompatible Materials:** Acids, oxidizers.  
**Reactivity, and Under What Conditions:** Not available.  
**Hazardous Decomposition Products:** May include and are not limited to oxides of carbon when heated to decomposition.

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**SECTION VI - TOXICOLOGICAL PROPERTIES**

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**Route of Entry:** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

**EFFECTS OF ACUTE EXPOSURE:**

**Eye:** May cause irritation.

**Skin:** May cause irritation. May be absorbed through the skin.

**Inhalation:** May cause respiratory tract irritation.

**Ingestion:** May cause stomach distress, nausea or vomiting.

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Irritancy:** Hazardous by WHMIS criteria.

**Respiratory Tract Sensitization:** No data available.

**Carcinogenicity:** Non-hazardous by WHMIS criteria.

**Teratogenicity, Mutagenicity, Reproductive Effects:** No data available.

**Synergistic Materials:** Not available.

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**SECTION VII- PREVENTATIVE MEASURES**

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**Gloves:** Impervious. Confirm with a reputable supplier first.

**Eye Protection:** Chemical splash goggles.

**Respiratory Protection:** Not normally required if good ventilation is maintained. If ventilation is not adequate, use an approved air-purifying respirator.

**Other Protective Equipment:** As required by employer code.

**Engineering Controls:** General ventilation normally adequate.

**Leak and Spill Procedure:** Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Remove sources of ignition.

**Waste Disposal:** Review federal, state/provincial, and local government requirements prior to disposal.

**Storage and Handling Requirements:** KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials. Keep away from heat, open flames or other sources of ignition.

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**SECTION VIII - FIRST AID**

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**Eye:** Flush immediately with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

**Skin:** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

**Inhalation:** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Ingestion:** Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

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**Disclaimer**

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-905-572-4400) or CSST in Montreal, Quebec (514-873-3990).

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## SECTION III - PHYSICAL DATA

**Boiling Point of Liquid (°C):** 99  
**Vapour Pressure of Liquid (mm Hg):** 1.7  
**Vapour Density of Liquid (Air = 1):** 4.0  
**Solubility in Water of Liquid:** Complete  
**Physical State:** Solid  
**Odour:** Alcohol  
**Appearance:** Clear, colourless liquid saturated on wipe

**Specific Gravity of Liquid (H<sub>2</sub>O = 1):** 0.88 @ 15°C  
**% Volatile (Liquid, Wt %):** 100  
**Evaporation Rate of Liquid (Ether = 1):** Not available  
**pH (of Liquid):** Not available  
**Viscosity of Liquid:** Water thin  
**Odour Threshold of Liquid (ppm):** Not available

## SECTION IV - FIRE AND EXPLOSION DATA

**Flammability of Liquid:** Combustible liquid by WHMIS criteria.  
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**Eye Protection:** Chemical splash goggles.

**Respiratory Protection:** Not normally required if good ventilation is maintained. If ventilation is not adequate, use an approved air-purifying respirator.

**Other Protective Equipment:** As required by employer code.

**Engineering Controls:** General ventilation normally adequate.

**Leak and Spill Procedure:** Pick up and discard towel.

**Waste Disposal:** Review federal, state/provincial, and local government requirements prior to disposal.

**Storage and Handling Requirements:** KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials. Keep away from heat, open flames or other sources of ignition.

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**SECTION VIII - FIRST AID**

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