

**SECTION I - PRODUCT IDENTIFICATION**

**Product Name:** Airx 100  
**Product Use:** Cleaner  
**WHMIS Class:** Class B - Division 3 - Combustible Liquid, Class D - Division 2B  
**TDG Classification:** TERPENE HYDROCARBONS, N.O.S.; Class 3; UN2319; PGIII  
**Manufacturer/Supplier:** W.E. Greer Ltd.  
 14704 - 119 Avenue  
 Edmonton, AB T5L 2P1 CA  
 Phone (780) 451-1516  
 Fax (780) 451-0334  
**CANUTEC:** 1-613-996-6666

LEGEND HMIS		Health	*	2
Severe	4	Flammability		2
Serious	3	Physical Hazard		0
Moderate	2	Personal Protection		B
Slight	1			
Minimal	0			

**SECTION II - HAZARDOUS INGREDIENTS**

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
d-Limonene	5989-27-5	60 - 100	Not established	Not available	4400 mg/kg rat; 5600 mg/kg mouse

**SECTION III - PHYSICAL DATA**

<b>Boiling Point:</b>	318 - 382 °C (604.40 - 719.60 °F)	<b>Specific Gravity:</b>	0.84
<b>Freezing Point:</b>	Not available	<b>Coefficient of Water/Oil Distribution:</b>	Not available
<b>Vapour Pressure:</b>	3 mm Hg (d-Limonene)	<b>% Volatile:</b>	Not available
<b>Vapour Density:</b>	4.7 (d-Limonene)	<b>Evaporation Rate:</b>	Not available
<b>Solubility in Water:</b>	Insoluble	<b>pH:</b>	Not available
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	Not available
<b>Appearance:</b>	Clear colourless to Pale yellow	<b>Odour Threshold:</b>	Not available
<b>Odour:</b>	Citrus		

**SECTION IV - FIRE AND EXPLOSION DATA**

**Flammability:** Combustible by WHMIS criteria.  
**Flash Point (TCC):** 46 °C (114.80 °F) (d-Limonene) **LEL:** 0.7 (d-Limonene) **UEL:** 6.1 (d-Limonene)  
**Hazardous Combustion Products:** May include and are not limited to: Oxides of carbon.  
**Autoignition Temperature:** 237 °C (458.60 °F) (d-Limonene)  
**Explosion Data:**  
**Sensitivity to Mechanical Impact:** Not available  
**Sensitivity to Static Discharge:** Not available  
**Means of Extinction:** Dry chemical. Foam. Carbon dioxide. Water Fog.  
**Special Fire Hazards:** Firefighters should wear a self-contained breathing apparatus.

**SECTION V - REACTIVITY DATA**

**Conditions for Chemical Instability:** Stable under recommended storage conditions.  
**Incompatible Materials:** Acids. Oxidizers.  
**Reactivity:** Do not mix with other chemicals.  
 Avoid high temperatures.  
**Hazardous Decomposition Products:** May include and are not limited to: Oxides of carbon.

**SECTION VI - TOXICOLOGICAL PROPERTIES**

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

**EFFECTS OF ACUTE EXPOSURE:**

**Eye:** May cause irritation.  
**Skin:** Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.

**Inhalation:** Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

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

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

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

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

**Reproductive Effects:** Non-hazardous by WHMIS criteria.

**Synergistic Materials:** Not available

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## SECTION VII - PREVENTATIVE MEASURES

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**Gloves:** Rubber gloves. Confirm with a reputable supplier first.

**Eye Protection:** Wear safety glasses with side shields.

**Respiratory Protection:** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

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

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

**Leak and Spill Procedure:** Remove sources of ignition. 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.

**Waste Disposal:** Dispose in accordance with all applicable regulations.

**Handling Requirements:** Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

**Storage Requirements:** Keep out of reach of children. Do not store at temperatures above 120°F (49°C). Store in a closed container away from incompatible materials.

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## SECTION VIII - FIRST AID

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**Eye:** Flush 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. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

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## SECTION IX - PREPARATION INFORMATION

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**Effective Date:** 31-Jul-2010

**Expiry Date:** 31-Jul-2013

**Prepared By:** Dell Tech Laboratories Ltd. (519) 858-5021

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