

**SECTION I - PRODUCT IDENTIFICATION**

**Product Name:** AIRX 44 Concentrate  
**Product Use:** Disinfectant  
**WHMIS Class:** Exempt - Registered product - (DIN 00638927)  
**TDG Classification:** Not regulated as dangerous goods.  
**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		0
Serious	3	Physical Hazard		0
Moderate	2	Personal Protection		B
Slight	1			
Minimal	0			

**SECTION II - HAZARDOUS INGREDIENTS**

<u><b>Ingredient(s)</b></u>	<u><b>CAS #</b></u>	<u><b>Wt%</b></u>	<u><b>ACGIH-TLV</b></u>	<u><b>LC50</b></u>	<u><b>Oral LD50</b></u>
Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	68956-79-6	1 - 5	Not established	Not available	250 mg/kg rat
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	1 - 5	Not established	Not available	240 mg/kg rat

Not applicable to DIN products. Active ingredients are listed above.

**SECTION III - PHYSICAL DATA**

<b>Boiling Point:</b>	Not available	<b>Specific Gravity:</b>	1.036 - 1.043
<b>Freezing Point:</b>	Not available	<b>Coefficient of Water/Oil Distribution:</b>	Not available
<b>Vapour Pressure:</b>	Not available	<b>% Volatile:</b>	84.6 - 86.4
<b>Vapour Density:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Solubility in Water:</b>	Complete	<b>pH:</b>	11.1 - 11.6
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	Not available
<b>Appearance:</b>	Green Liquid	<b>Odour Threshold:</b>	Not available
<b>Odour:</b>	Sweet airicide		

**SECTION IV - FIRE AND EXPLOSION DATA**

**Flammability:** Not flammable by WHMIS criteria.  
**Flash Point:** Not available      **LEL:** Not available      **UEL:** Not available  
**Hazardous Combustion Products:** May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Hydrogen chloride.  
**Autoignition Temperature:** Not available  
**Explosion Data:**  
     **Sensitivity to Mechanical Impact:** Not available  
     **Sensitivity to Static Discharge:** Not available  
**Means of Extinction:** Dry chemical. Foam. 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. Caustics.  
**Reactivity:** Do not mix with other chemicals.  
**Hazardous Decomposition Products:** May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Hydrogen chloride.

**SECTION VI - TOXICOLOGICAL PROPERTIES**

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

**EFFECTS OF ACUTE EXPOSURE:**

- Eye:** May cause severe irritation or chemical burns.  
**Skin:** May cause severe irritation.  
**Inhalation:** May cause respiratory tract irritation.  
**Ingestion:** Harmful if swallowed. May cause stomach distress, nausea or vomiting.

**EFFECTS OF CHRONIC EXPOSURE:**

- Skin:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
**Irritancy:** May cause irritation.  
**Respiratory Tract Sensitization:** Non-hazardous.  
**Carcinogenicity:** Non-hazardous.  
**Teratogenicity:** Non-hazardous.  
**Mutagenicity:** Non-hazardous.  
**Reproductive Effects:** Non-hazardous.  
**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:** 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. 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. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

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**SECTION IX - PREPARATION INFORMATION**

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**Effective Date:** 31-Mar-2010

**Expiry Date:** 31-Mar-2013

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

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document. Information contained herein 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 requirements of all applicable legislation and regulatory instruments. 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 document.