

# **MATERIAL SAFETY DATA SHEET**

## **SECTION I - PRODUCT IDENTIFICATION**

Product Name: AIRX 44 Concentrate

Product Use: Disinfectant

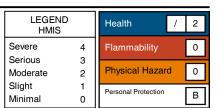
WHMIS Class: Exempt - Registered product - (DIN 00638927)

**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



# **SECTION II - HAZARDOUS INGREDIENTS**

Ingredient(s)CAS #Wt%ACGIH-TLVLC50Oral LD50Quaternary ammonium compounds,68956-79-61 - 5Not establishedNot available250 mg/kg rat

C12-18-alkyl[(ethylphenyl)methyl]dimethyl,

chlorides

Quaternary ammonium compounds, 68391-01-5 1 - 5 Not established Not available 240 mg/kg rat

benzyl-C12-18-alkyldimethyl, chlorides

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

## **SECTION III - PHYSICAL DATA**

Boiling Point:Not availableSpecific Gravity:1.036 - 1.043Freezing Point:Not availableCoefficient of Water/OilNot available

Vapour Pressure: Not available Distribution:

% Volatile: 84.6 - 86.4 Vapour Density: Not available Not available **Evaporation Rate:** Solubility in Water: Complete 11.1 - 11.6 pH: Liquid **Physical State:** Not available Viscosity: Appearance: Green Liquid **Odour Threshold:** Not available Odour: 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 May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Hydrogen

Products: chloride.

## **SECTION VI - TOXICOLOGICAL PROPERTIES**

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

6563 Page 1 of 2

#### EFFECTS OF ACUTE EXPOSURE:

May cause severe irritation or chemical burns. Eye:

Skin: May cause severe irritation.

Inhalation: May cause respiratory tract irritation.

Inaestion: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

#### **EFFECTS OF CHRONIC EXPOSURE:**

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

Irritancy: May cause irritation. Respiratory Tract Sensitization: Non-hazardous. Non-hazardous. Carcinogenicity: Non-hazardous. **Teratogenicity:** Non-hazardous. Mutagenicity: **Reproductive Effects:** Non-hazardous. Not available **Synergistic Materials:** 

## **SECTION VII - PREVENTATIVE MEASURES**

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

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

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

Other Protective Equipment: As required by employer code.

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

Before attempting clean up, refer to hazard data given above. Small spills may be Leak and Spill Procedure:

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.

Use good industrial hygiene practices in handling this material. When using do not eat **Handling Requirements:** 

or drink. Wash hands before breaks and immediately after handling the product.

Keep out of reach of children. Store in a closed container away from incompatible Storage Requirements:

materials.

# **SECTION VIII - FIRST AID**

Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain Eve:

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.

## SECTION IX - PREPARATION INFORMATION

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.

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6563 Page 2 of 2