

Airx 82

SECTION 1. IDENTIFICATION

Product Identifier	Airx 82
Product Family	Airx
Recommended Use	Cleaner.
Restrictions on Use	Commercial and industrial use only.
Manufacturer	W.E. Greer Ltd., 14704 - 119 Avenue, Edmonton, AB, T5L 2P1, 780-451-1516, www.wegreer.com
Emergency Phone No.	CANUTEC, 1-888-226-8832, You can call *666 on your cellular phone

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin irritation - Category 3; Serious eye damage - Category 2; Specific target organ toxicity (single exposure) - Category 3

Label Elements



Signal Word:
Warning

Hazard Statement(s):

Causes mild skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.

Precautionary Statement(s):

Prevention:

Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection/face protection.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of water.
If skin irritation occurs: Get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Call a POISON CENTRE or doctor.

Storage:

Store in a well-ventilated place. Keep container tightly closed.

Disposal:
Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Airx 82 Part A	CBI*	27	
Sodium lauryl sulfate	151-21-3	1-5	
Airx 82 Part B	CBI*	4	
Dipropylene glycol monomethyl ether	34590-94-8	3	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Immediately call a Poison Centre or doctor.

Immediate Medical Attention and Special Treatment

Target Organs

Eyes, skin.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Specific Hazards Arising from the Product

May include but is not limited to: very toxic carbon monoxide, carbon dioxide.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

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Only use where there is adequate ventilation. Do not get in eyes, on skin or on clothing. Wash hands thoroughly after handling this material. Keep containers tightly closed when not in use or empty. Avoid breathing in this product.

Conditions for Safe Storage

Store in a closed container. Keep out of reach of children. Keep away from incompatible materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Dipropylene glycol monomethyl ether	100 ppm	150 ppm				
Sodium lauryl sulfate	Not established		Not established			

Appropriate Engineering Controls

General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Where exposure guidelines may be exceeded: wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Colourless liquid. Particle Size: Not available
Odour	Soapy
Odour Threshold	Not available
pH	8 - 9
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	100 °C (212 °F)
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not applicable (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (dynamic)
Other Information	
Physical State	Liquid

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Molecular Formula	Not available
Molecular Weight	Not available
Bulk Density	Not available
Surface Tension	Not available
Critical Temperature	Not available
Electrical Conductivity	Not available
Saturated Vapour Concentration	Not available
Other Physical Property 1	Percent volatile: 91.7 - 92

SECTION 10. STABILITY AND REACTIVITY

Reactivity

May react with strong oxidizing agents.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Do not mix with other chemicals.

Incompatible Materials

Oxidizing agents (e.g. peroxides), strong oxidizing agents (e.g. perchloric acid), organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid), strong acids (e.g. hydrochloric acid).

Hazardous Decomposition Products

May include but not limited to: very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides; corrosive sulfur oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Dipropylene glycol monomethyl ether		5120 mg/kg (rat)	9480 mg/kg (rabbit)
Airx 82 Part A		> 5000 mg/kg (rat)	
Airx 82 Part B		> 5000 mg/kg (rat)	
Sodium lauryl sulfate	3900 mg/m3 (male rat)	1650 mg/kg (male rat)	580 mg/kg (rabbit)

Skin Corrosion/Irritation

May cause very mild irritation based on information for closely related chemicals.

Serious Eye Damage/Irritation

May cause serious eye irritation based on information for closely related materials.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause nose and throat irritation.

Skin Absorption

May be absorbed through the skin.

Ingestion

Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

SECTION 12. ECOLOGICAL INFORMATION

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Ecotoxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Sodium lauryl sulfate	15.1 mg/L (Gambusia holbrooki (Eastern Mosquitofish); 96-hour; salt water)	16.5 mg/L (Mysidopsis bahia (opossum shrimp); 96-hour; salt water; static)		

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Listed on the DSL.

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 1 Flammability - 0 Instability - 0

SDS Prepared By W.E. Greer Ltd.

Phone No. 780-451-1516

Date of Preparation January 04, 2017

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