

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER EcoAir				
PRODUCT USE Negative cleaner and duster		HMIS SCALE HEALTH 1 FLAMMABILITY 0 REACTIVITY 1 PPE No		
SUPPLIER Envision Compliance Ltd.		PRODUCT CODE HS1700		WHMIS CLASS A
STREET ADDRESS 124 Connie Crescent, Unit 1		MEDICAL EMERGENCY PHONE NO. 1-800-318-7090	TRANSPORTATION EMERGENCY TEL # CANUTEC 613-996-6666	
CITY Concord	PROV Ontario	TRANSPORTATION INFORMATION Exempt under TDG/DOT Consumer Quantity ORM-/Limited Quantity		
P.C. L4K 1L7	TEL # 905-670-1638			

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	W/W %	LD50 OF INGREDIENT	LC50 OF INGREDIENT
F134a	811-97-2	100	not available	1500 gm/m3/2h (inhalation - rat)

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE odorless and colorless			ODOUR THRESHOLD Not applicable
VAPOUR PRESSURE (mmHg) Not available	VAPOUR DENSITY (Air = 1) 3.0	EVAPORATION RATE (Water = 1) >1	BOILING POINT (°C) ≥ -16°C	FREEZING POINT(°C) Not applicable
pH 7-8	SPECIFIC GRAVITY 1.202	SOLUBILITY IN WATER (20°C) 0	COEFF WATER OIL DISTRIBUTION Not available	PERCENT VOLATILE (BY VOLUME) 100%

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHAT CONDITIONS			
MEANS OF EXTINCTION Water, foam, dry chemical or carbon dioxide. Aerosol cans may erupt with force at temperatures above 48°C (120°F).			
FLASHPOINT (°C) AND METHOD Not appropriate	UPPER FLAMMABLE LIMIT (% BY VOLUME) Not appropriate	LOWER FLAMMABLE LIMIT (% BY VOLUME) Not appropriate	AUTOIGNITION TEMPERATURE (°C) Not appropriate
HAZARDOUS COMBUSTION PRODUCTS See "Hazardous Decomposition Products".		EXPLOSION DATA SENSITIVITY TO IMPACT Not susceptible	SENSITIVITY TO STATIC DISCHARGE Not susceptible

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHAT CONDITIONS	
INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Contact with open flame, heat, alkali metals, strong acids or bases	
REACTIVITY, AND UNDER WHAT CONDITIONS Stable under ambient pressure and temperature.	
HAZARDOUS DECOMPOSITION PRODUCTS Hydrogen fluoride, carbon dioxide and carbon monoxide	

SECTION 6 - TOXICOLOGICAL PROPERTIES

SKIN CONTACT

SKIN ABSORPTION

EYE CONTACT

INHALATION

INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Inhalation: minimal effects observed below 1000ppm. Dizziness, drowsiness and throat irritation above 1000ppm.

Eyes: Liquid can cause slight, temporary irritation on direct contact. vapor can irritate eyes. Prolonged skin contact can cause freezing. Single dose ingestion toxicity is low to moderate.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None known

EXPOSURE LIMITS

TWA 1,000 ppm

IRRITANCY OF PRODUCT

None known

SENSITIZATION TO PRODUCT

Known known

CARCINOGENICITY

Not listed by IARC and ACGIH.

TERATOGENICITY

Not known

REPRODUCTIVE TOXICITY

Not known

MUTAGENICITY

Not known

SYNERGISTIC PRODUCTS

Not known

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES Not normally required	RESPIRATOR Not normally required	EYE Not normally required
FOOTWEAR Not normally required	CLOTHING Not normally required	OTHER Eye wash station

ENGINEERING CONTROLS

Local mechanical exhaust ventilation adequate to maintain TWA under 1000 ppm

LEAK AND SPILL PROCEDURE

Evacuate area. Ventilate area well and avoid breathing vapors. Vapor concentration will be highest along the floor and in low lying areas. Absorb liquid with Absorba absorbent and store in sealed container.

WASTE DISPOSAL

Empty cans: Hold can at arms length and face nozzle down. Eliminate any remaining propellant by depressing nozzle and emptying can. Dispose of empty cans with general solid waste.
Spills: Dispose of large spills according to federal, provincial or local regulations.

HANDLING PROCEDURES AND EQUIPMENT

Read and follow the label, material safety data sheet, and instructions before using. Avoid any contact with skin and eyes. Avoid any formation and inhalation of vapors.

STORAGE REQUIREMENTS

Store this product in an area below 48°C.

SECTION 8 - FIRST AID MEASURES

SKIN CONTACT

Wash exposed skin thoroughly with soap and tepid water.

EYE CONTACT

Flush eyes with water for 15 minutes or until irritation subsides. If irritation persists, seek medical advice.

INGESTION

Give 2-3 glasses of water. Do not induce vomiting unless directed by a physician. Seek medical advice.

INHALATION

If inhaled, remove to fresh air.

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY Envision Compliance Ltd.

PHONE NUMBER 905-760-1638

DATE October 1, 2006