

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT INFORMATION

Product Name: **DAX** **Date:** 08-May-15 Page 1 of 2

SUPPLIED BY: Five Seasons Comfort Limited **Phone:** (416) 213-5636
351 North Rivermede Road **Contact:** Mr Bob Crowe
Concord, ON L4K 3N2

Product usage: DETERGENT FOR ELECTRONIC AIR CLEANER CELLS
Product type: WATER BASED MODERATELY ALKALINE-ORGANIC-INORGANIC CHEMICAL BLEND
WHMIS Class: Toxic material, CLASS D-2B (Eye & Skin Irritant)
Hazard Rating: HEALTH: (1) Slight; FIRE (0) Insignificant; REACTIVITY: (0) Insignificant
TDG Class: Not regulated

DAX is Not Considered Hazardous as a consumer product by Government of Canada Consumer Product Regulations as pH is below 11.5

SECTION II

HAZARDOUS INGREDIENTS

INGREDIENT	%	CAS#	TOXICITY
Sodium Nitritotriacetate	1 - 5	5604-31-3	LD50 (oral rats) >2 g/kg
Nonionic surfactant	1 - 5		Eye Irritant
2-Butoxyethanol (Ethylene Glycol Monobutyl Ether)	1 - 5	111-76-2	LD50(oral rats) 470mg/kg; TLV 25 ppm; LD50 (dermal rabbit) 220 mg/kg LC50 450ppm/4hr (rat). Chronic: may cause blood changes,headache, drowsiness, dizziness, weakness, tremor
Sodium Carbonate	1 - 5	497-19-8	LD50 (oral rats) 2.8 g/kg. Eye Irritant

SECTION III

PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear blue liquid	Density (g/ml): 1.03
pH as is: 11.0 - 11.5	Freezing point: 0 Deg. C.
pH use dilution: 11.0 - 11.5	Boiling Point: 100 Deg. C.
Solubility in water: Soluble in all proportions	Evaporation Rate: Same as water.
Odour: Slightly sweet	Viscosity: As water.

SECTION IV

FIRE AND EXPLOSION HAZARDS

Flash point: Over 100 Deg. C.
Flammability: Non-flammable
Combustion products: Oxides of carbon and nitrogen after drying
To Extinguish: Not applicable
Other: None

SECTION V

HEALTH HAZARD DATA

Effects of Acute Exposure to:

Skin: May cause skin irritation, defatting, chapping, dermatitis with extended exposure
Eyes: Irritating and may cause corneal injury.
Ingestion: Accidental ingestion may cause burning pain in mouth, oesophagus and stomach.
Inhalation: If misted, may cause irritation of mucous membranes.
Other: On chronic skin exposure, 2-butoxyethanol may be absorbed causing temporary blood changes as listed for pure chemical. Since product is diluted, hazard is reduced.

(continued on page 2)

MATERIAL SAFETY DATA SHEET

Product Name: **DAX**

Date: 08-May-15 Page 2 of 2

SECTION V

HEALTH HAZARD DATA

(continued from page 1)

First Aid Procedures...

- Skin:** Remove contaminated clothing immediately. Wash exposed areas with copious amounts of running water. May be neutralized with sodium bicarbonate, Epsom salts, or vinegar. Obtain medical attention if necessary.
- Eyes:** Flush with running water for 30 minutes lifting the upper and lower eyelids occasionally. Remove contact lenses. Get medical attention.
- Ingestion:** Do not induce vomiting. If victim is alert and not convulsing, give 1-2 glasses of water to dilute material. Immediately contact local poison control centre. Vomiting should be induced under the direction of a physician or a poison control centre. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Immediately transport victim to an emergency facility.
- Inhalation:** Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.

SECTION VI

REACTIVITY DATA

Product is stable. Do not mix with strong acids, alkalis; oxidizing and reducing agents. Do not mix with chlorine bleach. Hazardous polymerization will not occur.

SECTION VII

CLEANUP OF SPILLS OR LEAKS

- Disposal method:** Sanitary sewer or dry absorbent material. For large quantities, check with local environmental department, and government authorities.

SECTION VIII

SPECIAL PROTECTION

- Ventilation:** Normal building ventilation is adequate.
- Breathing Protection:** Suitable breathing mask or respirator if mists or vapours are present.
- Skin Protection:** Rubber gloves, rubber boots, or barrier cream if contact is extended.
- Eye Protection:** Safety glasses with side shields when there is potential for eye contact

SECTION IX

SPECIAL PRECAUTIONS

As with all chemicals there are known and unknown effects on humans. Minimize exposure of all chemicals, including this product, to skin, respiratory system, and eyes. Keep out of reach of children. Avoid contamination of food. Wash thoroughly after handling. Store in cool dry area. Do not freeze.

SECTION X

PREPARATION INFORMATION

Date: 08-May-15

MSDS Prepared by: Technical Dept.

Phone: (416) 213-5636

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400) or (CSST) in Montreal, Quebec (514) 873-3990