

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** Fresh Air Apple Garden (#120)

**Recommended use:** Air deodorizer

**Manufacturer:** EnviroWay Detergent Manufacturing Incorporated  
2241 Hanselman Ave.  
Saskatoon, SK S7L 6A7, Canada  
Tel: 306-244-7727  
Fax: 306-244-7772  
Toll free: 1-888-274-0862, [www.enviroway.ca](http://www.enviroway.ca)

**Emergency phone:**

**Leak and Spill:** 1-800-667-7525 (SASK SPILLS) for the Province of Saskatchewan  
1-866-845-6037 (Environment Canada) for anywhere else

**In Transit:** 1-613-996-6666 or \*666 on cellular phone (CANUTEC)

**Poison Control:** 1-866-454-1212 (Saskatchewan)

## SECTION 2: HAZARD IDENTIFICATION

### Hazard classification

Flammable liquids	Category 3
Serious eye damage/irritation	Category 1

**Signal word**    Danger



### Hazard statements

Flammable liquid and vapour.

Causes serious eye damage.

### Precautionary statements

<b>Prevention</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves and eye and face protection.
<b>Response</b>	Immediately call a poison centre/doctor.

**IF ON SKIN (or hair):** Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water or shower.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

**In case of fire:** Use aqueous film forming foam (AFFF), dry chemical, or CO<sub>2</sub>.

**Storage**

Store in a well-ventilated place. Keep cool.

**Disposal**

Dispose of in accordance with local regulations at government approved waste sites.

## SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Ethanol	64-17-5	10-20
Lauryl alcohol ethylene oxide	9002-92-0	5-10
Fragrance	68647-72-3	10-15

Ingredients not shown are either not hazardous or present below cut-off values. Ranges shown are due to batch-to-batch variation.

## SECTION 4: FIRST AID MEASURES

**IF SWALLOWED:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**IF ON SKIN (or hair):** Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.

**IF exposed or concerned:** Get medical advice/attention if you feel unwell.

## SECTION 5: FIRE FIGHTING MEASURES

**Flammable:** Flammable

**Means of Extinction:** Use aqueous film forming foam (AFFF), dry chemical, or CO<sub>2</sub>.

**Flashpoint:** < 40°C

**Special Fire Fighting Procedures:** Use water spray to keep containers cool. Fire fighters should wear self-contained breathing apparatus and full protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum

## SECTION 7: HANDLING AND STORAGE

**Handling Procedures and Equipment:** Use good industrial hygiene. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

**Storage Requirements:** Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge. Store in a well-ventilated place. Keep cool.

## SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Ethanol	1000 ppm	1000 ppm	Not available
Lauryl alcohol ethylene oxide	Not available	Not available	Not available
Fragrance	Not available	Not available	Not available

**Gloves:** Chemical resistant gloves.

**Respirator:** NIOSH or MSHA approved self-breathing apparatus in high vapour concentrations. Not required under normal usage.

**Eye:** Safety glasses if handling large amounts and if there is significant probability of splashes.

**Clothing:** Rubber gloves, boots and rubber apron.

**Other (Specify):** An eye wash and safety shower should be nearby.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Green liquid

**Odour:** Apple scent

**Odour Threshold (ppm):** Information not available

**pH:** 7.4-7.8

**Freezing Point:** ~0°C

**Initial Boiling Point/Range:** ~100°C

**Flash point:** Information not available

**Evaporation Rate:** Information not available

**Flammability:** Flammable

**Upper/lower flammability/explosive limit:** 36.5%/2%

**Vapour Pressure (mmHg):** Information not available

**Vapour Density (air = 1):** >1 (heavier than air)

**Relative density:** 0.999

**Solubility in Water:** Miscible

**Partition coefficient:** Information not available

**Auto-ignition temperature:** Information not available

**Decomposition temperature:** Information not available

**Viscosity:** Information not available

## SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Materials to Avoid:** Strong oxidizers, Lewis or mineral acids, alkanol amines, aluminium and its alloys and acetylene.

**Hazardous Decomposition Products:** Thermal decomposition products are toxic and may include formaldehyde and oxides of carbon.

## SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Ethanol	7060	20000	31623
Lauryl alcohol ethylene oxide	4150	72000	8600
Fragrance	Not available	Not available	Not available

### EFFECTS OF ACUTE EXPOSURE:

**Ingestion:** Ingestions of large amounts may cause nausea, headaches, vomiting and diarrhoea.

**Skin Contact:** Prolonged and repeated exposure may cause skin irritation.

**Eye Contact:** Causes serious eye damage.

**Inhalation:** May cause coughing, headaches, vomiting or nausea.

**Germ cell mutagenicity:** Not applicable

**Carcinogenicity:** Ethanol contains a small amount of 2-Propanol. IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Propanol)

**Reproductive toxicity:** Not applicable

**STOT single exposure:** Not applicable

**STOT repeated exposure:** Not applicable

**Aspiration hazard:** Not applicable

**Routes of exposure:** Ingestion, inhalation, skin/eye exposure

### EFFECTS OF CHRONIC EXPOSURE:

**Skin Contact:** Not known.

**Eye Contact:** Not known.

**Ingestion:** Not known

### Numerical measures of toxicity:

**Oral:** LD50 26,824 mg/kg

**Dermal:** LD50 108,373 mg/kg

**Inhalation:** LC50 84,926 mg/L

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Ethanol	Not available	Not available	Not available
Lauryl alcohol ethylene oxide	LC50 1400 µg/l, 96hr	LC50 >6460 µg/l, 48hr	Not available
Fragrance	Not available	Not available	Not available

**Persistence and Degradability:** No information available.

**Bioaccumulation/Accumulation:** No information available.

**Mobility:** No information available.

**Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Dispose of in accordance with local regulations at government approved waste sites.

## SECTION 14: TRANSPORT INFORMATION

**Special Shipping Information:** None

### TDG (Canada)

**TDG Proper Shipping Name:** Flammable liquid, N.O.S. Ethanol

**Hazard Class:** 3

**UN Number:** UN1993

**Packing Group:** III

**Note:** No additional remark.

**Marine Pollutant:** None

## SECTION 15: REGULATORY INFORMATION

**Canadian DSL Inventory Status:** All ingredients are specified on the Domestic Substances List or exempt

## SECTION 16: OTHER INFORMATION

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