

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Morning Fresh (#121)

Recommended use: Air deodourizer

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.envioway.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 1
Skin corrosion/irritation	Category 3
Serious eye damage/irritation	Category 1
Skin sensitization	Category 1

Signal word Danger



Hazard statements

Extremely flammable liquid and vapour.
Causes mild skin irritation.
Causes serious eye damage.
May cause an allergic skin reaction.

Precautionary statements

Prevention 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.
	Contaminated work clothing should not be allowed out of the workplace.
	Avoid breathing mist, vapours, or spray.
Response	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 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. Continue rinsing.
	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
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	80-90
Lauryl alcohol ethylene oxide	9002-92-0	5-10
Fragrance	68647-72-3	5-10

Ingredients not shown are either not hazardous or 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 water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Flashpoint: < 23°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: Store locked up. 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: Pink liquid

Odour: grapefruit scent

Odour Threshold (ppm): Information not available

pH: 7

Freezing Point: Information not available

Initial Boiling Point/Range: Information not available

Flash point: Information not available

Evaporation Rate: Information not available

Flammability: Flammable

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): Information not available

Vapour Density (air = 1): Information not available

Relative density: Information not available

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: Aluminium, Acids, Oxidizing agents, Alkali metals, Halogenated compounds, Ammonia, Acid chlorides, Acid anhydrides, Reducing agents, Peroxides

Hazardous Decomposition Products: Oxides, carbon monoxide and carbon dioxide in case of fire.

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: Causes 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 7712 mg/kg

Dermal: LD50 25,176 mg/kg

Inhalation: LC50 29,189 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: Expected readily biodegradable.

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: Ethanol solutions

Hazard Class: 3

UN Number: UN1170

Packing Group: II

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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