

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: New All purpose (#730)

Recommended use: All purpose cleaner, degreaser

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

Skin corrosion/irritation	Category 2
Serious eye damage/irritation	Category 1
Skin sensitization	Category 1

Signal word Danger



Hazard statements

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

Precautionary statements

Prevention Wash hands thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, and face protection.
Contaminated work clothing should not be allowed out of the workplace.
Avoid breathing mist, vapours or spray.

Response IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it 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. Continue rinsing. Immediately call a POISON CENTER/doctor.

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
Lauryl alcohol ethylene oxide	9002-92-0	1-5
Citrus terpenes	5989-27-5	1-5
Glycol ether	111-76-2	1-5
Sodium Xylene Sulfonate	1300-72-7	1-5
Potassium hydroxide	1310-58-3	1-5
Sodium laureth sulfate	1310-58-3	1-5

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: Get medical advice/attention if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If irritation or rash occurs, seek medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.

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

SECTION 5: FIRE FIGHTING MEASURES

Flammable: No

Means of Extinction: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Flashpoint: Not available

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

Leak and Spill Procedures: Flush liquid to sewer with plenty of water if the spill is small. Large spills should be contained by diking with soil or other non-combustible absorbent material and then put into dot approved containers. A full face-pipe air purifying respirator equipped for organic vapours may be satisfactory in case of small spills.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge.

Storage Requirements: Store locked up. Store in a dry, cool, well-ventilated area between 5°C to 20°C and away from direct sunlight. Store in original container with closed lid, away from incompatible materials such as strong oxidizing agents. Avoid food contamination.

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Lauryl alcohol ethylene oxide	Not available	Not available	Not available
Citrus terpenes	111 mg/m ³ TWA	Not available	Not available
Glycol ether	20ppm / 96mg/m ³ TWA	25ppm / 120mg/m ³ (skin) PEL	Not available
Sodium Xylene Sulfonate	Not available	Not available	Not available
Potassium hydroxide	Not available	Not available	Not available
Sodium laureth sulfate	1000 ppm STEL	1900 mg/m ³ PEL	Not available

Gloves: Chemical resistant gloves.

Respirator: NIOSH or MSHA approved self-contained 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, rubber apron and rubber boots.

Other (Specify): And eye wash and safety shower should be kept handy in case of emergency.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fluorescent yellow liquid

Odour: grapefruit scent

Odour Threshold (ppm): Information not available

pH: 11.4

Freezing Point: -96°C

Initial Boiling Point/Range: Not available

Flash point: Not available

Evaporation Rate: Information not available

Flammability: Not flammable

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): 1.2 at 20°C

Vapour Density (air = 1): >1 (Heavier than air)

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: Harsh chemical substances such as strong acids or oxidizing agents.

Hazardous Decomposition Products: Oxides or terpene, 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)
Lauryl alcohol ethylene oxide	4150	72000	8600
Citrus terpenes	4400	5000	Not available
Glycol ether	880	1060	925
Sodium Xylene Sulfonate	7200	2000	Not available
Potassium hydroxide	363	Not available	Not available
Sodium laureth sulfate	>2000	>2000	Not available

EFFECTS OF ACUTE EXPOSURE:

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

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Eye Contact: Causes serious eye damage.

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

Germ cell mutagenicity: Not applicable

Carcinogenicity: Not applicable

Reproductive toxicity: D-limonene (citrus terpene) may cause reproductive effects based on studies in lab animals at high doses

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 7116 mg/kg

Dermal: LD50 18,413 mg/kg

Inhalation: LC50 19,555 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Lauryl alcohol ethylene oxide	LC ₅₀ (96h): 1.4 mg/L	EC ₅₀ (48h): >6460 mg/L	Not available

Citrus terpenes	LC ₅₀ (96h): 0.72 mg/L	EC ₅₀ (48h): 0.36 mg/L	Not available
Glycol ether	LC ₅₀ (96h): 1490 mg/L	EC ₅₀ (48h): 1700 mg/L	Not available
Sodium Xylene Sulfonate	LC ₅₀ (96h): >1000 mg/L	EC ₅₀ (48h): >40.3 mg/L	EC ₅₀ (96h): >230 mg/L
Potassium hydroxide	LC ₅₀ (96h): 179mg/L	EC ₅₀ (48h): 60 mg/L	Not available
Sodium laureth sulfate	LC ₅₀ (96h): 2.3 mg/L	EC ₅₀ (48h): >13 ppm	EC ₅₀ (72h): >6 ppm

Persistence and Degradability: Expected to be >50% 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: Not regulated

Hazard Class: Not regulated

UN Number: Not regulated

Packing Group: Not regulated

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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