

# 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.

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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

Skin corrosion/irritation Category 2

Serious eye damage/irritation Category 1

Skin sensitization Category 1

Carcinogen Category 2

Reproductive toxicity Category 1

**Signal word** Danger



### Hazard statements

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

Suspected of causing cancer.

May damage fertility or the unborn child.

### Precautionary statements

**Prevention** Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Contaminated work clothing should not be allowed out of the workplace.

Avoid breathing fume/mist/vapours/spray.  
 Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.

**Response** IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. Contaminated work clothing should not be allowed out of the workplace.  
 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 CENTRE/doctor.  
 IF exposed or concerned: Get medical advice/attention.

**Storage** Store locked up.

**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
Fragrance	68647-72-3	<1

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 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 CENTRE/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 <sup>3</sup> TWA	Not available	Not available
Glycol ether	20ppm / 96mg/m <sup>3</sup> TWA	25ppm / 120mg/m <sup>3</sup> (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 <sup>3</sup> PEL	Not available
Fragrance	Not available	Not available	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:** 13.0±0.5

**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
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:** This product contains carcinogenic substances as classified by IARC, NTP, ACGIH or OSHA.

**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	LC50 1.4 mg/l, 96h	EC50 >6460 mg/L, 48h	Not available
Citrus terpenes	LC50 0.72 mg/L, 96h	EC50 0.36 mg/L, 48h	Not available
Glycol ether	LC50 1490 mg/L, 96h	EC50 1700 mg/L, 48h	Not available
Sodium Xylene Sulfonate	LC50 >1000 mg/l, 96h	EC50 >40.3 mg/l, 48h	EC50 >230 mg/l, 96h
Potassium hydroxide	LC50 179mg/l, 96h	EC50 60 mg/l, 48h	Not available
Sodium laureth sulfate	LC50 2.3 mg/l, 96 hours	EC50 >13 ppm, 48 hours	EC50 > 6 ppm, 72 hours
Fragrance	Not available	Not available	Not available

**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 Applicable.

**UN Number:** Not Applicable.

**Packing Group:** Not Applicable.

**Note:** No additional remark.

**Marine Pollutant:** None

**DOT (US):**

**DOT Shipping Name:** Not Regulated.  
**DOT Hazardous Class:** Not Applicable.  
**DOT UN Number:** Not Applicable.  
**DOT Packing Group:** Not Applicable.  
**DOT Reportable Quantity (lbs):** Not Available.  
**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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