

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** All purpose (#704)

**Recommended use:** Degreasing compound

**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](http://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 2

**Signal word** Warning



### Hazard statements

Causes skin irritation.

Causes serious eye irritation.

### Precautionary statements

**Prevention** Wash hands thoroughly after handling.

Wear protective gloves, eye protection and face protection.

**Response** IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation persists: 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. If eye irritation persists: Get medical advice/attention.

## SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Disodium metasilicate	6834-92-0	1-5
Tetrasodium EDTA	64-02-8	1-5
Glycol ether EB	111-76-2	1-5
Sodium Xylene Sulfonate	1300-72-7	1-5
Lauryl alcohol ethylene oxide	9002-92-0	<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:** Rinse mouth with water. If you feel unwell, seek medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation persists: 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.

**IF exposed or concerned:** Seek medical attention.

## SECTION 5: FIRE FIGHTING MEASURES

**Flammable:** No

**Means of Extinction:** Use water spray, dry chemical, CO<sub>2</sub> or alcohol foam.

**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-piece 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. Wash affected skin and clothing with soap and water after use.

**Storage Requirements:** Store in a dry, well ventilated and cool place away from incompatible materials.

## SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Disodium metasilicate	Not available	Not available	Not available
Tetrasodium EDTA	Not available	Not available	Not available

Glycol ether EB	TLV 20ppm/96mg/m <sup>3</sup>	PEL 25ppm/120mg/m <sup>3</sup>	Not available
Sodium Xylene Sulfonate	Not available	Not available	Not available
Lauryl alcohol ethylene oxide	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):** An eye wash and safety shower should be kept nearby in case of emergency.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Green liquid

**Odour:** Alkaline cleaner scent

**Odour Threshold (ppm):** OSHA (PEL) <100ppm

**pH:** 11.4

**Freezing Point:** Information not available

**Initial Boiling Point/Range:** ~89°C

**Flash point:** Information not available

**Evaporation Rate:** <2.88 (slow-medium rate)

**Flammability:** Not flammable

**Upper/lower flammability/explosive limit:** 1.82%/0.52%

**Vapour Pressure (mmHg):** 162mmHg @ 89°C

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

**Relative density:** 1.2

**Solubility in Water:** Soluble

**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 acids, aluminium, strong oxidizing agents.

**Hazardous Decomposition Products:** Burning may liberate carbon monoxide, carbon dioxide, nitrous oxide, and ammonia

## SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Disodium metasilicate	1280	Not available	Not available
Tetrasodium EDTA	Not available	Not available	Not available

Glycol ether EB	880	1060	925
Sodium Xylene Sulfonate	7200	2000	Not available
Lauryl alcohol ethylene oxide	363	Not available	Not available

**EFFECTS OF ACUTE EXPOSURE:**

**Ingestion:** If large quantities are consumed it may cause nausea, vomiting, abdominal pain, chest pain and burns to mouth and esophagus.

**Skin Contact:** Causes skin irritation.

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

**Inhalation:** Vapours are irritating to the eyes, nose and throat.

**Germ cell mutagenicity:** Not applicable

**Carcinogenicity:** Ethylene Glycol Monobutyl Ether is listed as an IARC Group 3 carcinogen: not classifiable as to its carcinogenicity in humans

**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 14,751mg/kg

**Dermal:** LD50 19,643mg/kg

**Inhalation:** LC50 20,594mg/L

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:**

Ingredient	Fish	Crustaceans	Algae
Disodium metasilicate	LC <sub>50</sub> (96h): 210mg/litre (Danio rerio)	EC <sub>50</sub> (48h): 1700mg/L (Daphnia magna)	EC <sub>50</sub> (72h): 207mg/L (Desmodesmus subspicatus)
Tetrasodium EDTA	LC <sub>50</sub> (96h): >500 mg/L, Leuciscus idus	EC <sub>50</sub> (48 h): > 100 mg/L	Not available
Glycol ether EB	LC <sub>50</sub> (96h): 1490 mg/L (Lepomis macrochirus)	EC <sub>50</sub> (24h): 1700mg/L (Daphnia magna)	EC <sub>50</sub> : 720 mg/L (Pseudokirchnerella subcapitata)
Sodium Xylene Sulfonate	LC <sub>50</sub> (96 h): >1000 mg/L	EC <sub>50</sub> (48h): >40.3 mg/L (Daphnia)	EC <sub>50</sub> (96h): >230 mg/L
Lauryl alcohol ethylene oxide	LC <sub>50</sub> (96h):1400 µg/L	LC <sub>50</sub> (48h): >6460 µg/L	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:** 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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