

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Kitchen Degreaser (#1007)

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.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

Signal word Danger



Hazard statements

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

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.

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.

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.

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
Glycol ether	111-76-2	5-10
Sodium Xylene Sulfonate	1300-72-7	1-5
Tetrasodium Ethylene Diamine Tetraacetate	64-02-8	1-5
Disodium Metasilicate	6834-92-0	1-5
Lauryl alcohol ethylene oxide	9002-92-0	1-5
Violet dye	128-95-0	<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: 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.

Storage Requirements: 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.

*****KEEP OUT OF REACH OF CHILDREN*****

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Glycol ether	20ppm / 96mg/m ³ TWA	25ppm / 120mg/m ³ (skin) PEL	Not available
Sodium Xylene Sulfonate	Not available	Not available	Not available
Tetrasodium Ethylene Diamine Tetraacetate	Not available	Not available	Not available
Disodium Metasilicate	Not available	Not available	Not available
Lauryl alcohol ethylene oxide	Not available	Not available	Not available
Violet dye	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: Purple liquid

Odour: mild scent

Odour Threshold (ppm): Information not available

pH: 13.0±0.5

Freezing Point: 5°C (Approx)

Initial Boiling Point/Range: 90°C (Approx)

Flash point: Not available

Evaporation Rate: <2.88 (medium rate)

Flammability: Not flammable

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): 25 mmHg at 90°C (Approx)

Vapour Density (air = 1): Information not available

Relative density: Information not available

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: Avoid strong alkalis, strong oxidizing agents, aluminium, copper and hot water.

Hazardous Decomposition Products: May liberate CO, CO₂, Nitrous oxides, ammonia and oxides of sulphur and sodium.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Glycol ether	880	1060	925
Sodium Xylene Sulfonate	7200	2000	Not listed
Tetrasodium Ethylene Diamine Tetraacetate	Not listed	Not listed	Not listed
Disodium Metasilicate	1153	Not listed	Not listed
Lauryl alcohol ethylene oxide	4150	72000	8600
Violet dye	5790	Not listed	Not listed

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: Not applicable

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 7337 mg/kg

Dermal: LD50 9820 mg/kg

Inhalation: LC50 10,318 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
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

Tetrasodium Ethylene Diamine Tetraacetate	LC ₅₀ (Lepomis macrochirus): 41mg/L	Not Established	EC ₅₀ (Scenedesmus subspicatus) 1.01mg/L
Disodium Metasilicate	LC ₅₀ (Brachydanio rerio): 210mg/L	Not Established	Not Established
Lauryl alcohol ethylene oxide	LC50 1.4 mg/l, 96h	EC50 >6460 mg/L, 48h	Not available
Violet dye	Not Established	Not Established	Not Established

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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