

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** Kitchen Degreaser

**Other means of identification:** ENV-1007

**Recommended use:** All purpose cleaner, degreaser

**Restrictions on use:** Do not mix with acidic cleaners

**Manufacturer:** EnviroWay

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Saskatoon, SK S7L 6A7, Canada

Tel: 306-244-7727

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

**Poison Control:** 1-866-454-1212 (Saskatchewan)

## SECTION 2: HAZARD IDENTIFICATION

### Hazard classification

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

**Signal word**    Danger



### Hazard statements

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

### Precautionary statements

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

**Response**    Immediately call a POISON CENTRE/doctor.

**IF ON SKIN:** Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing 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.

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.

**Storage**

Store locked up.

**Disposal**

Dispose of in accordance with local regulations at government approved waste sites.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Mixture:** Mixture

The following ingredients have hazardous properties:

Chemical name	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.

Most important symptoms/effects/effects acute and delayed: See Section 11 for more detailed information on health effects and symptoms.

Immediate medical attention and special treatment needed: Not available

## 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.

**Hazardous Decomposition Products:** May liberate CO, CO<sub>2</sub>, Nitrous oxides, ammonia and oxides of sulphur and sodium.

## 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: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
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
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

**Melting point/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 alkalies, strong oxidizing agents, aluminium, copper and hot water.

**Hazardous Decomposition Products:** May liberate CO, CO<sub>2</sub>, 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 <sub>50</sub> (Lepomis macrochirus): 41mg/L	Not Established	EC <sub>50</sub> (Scenedesmus subspicatus) 1.01mg/L
Disodium Metasilicate	LC <sub>50</sub> (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:** Corrosive liquid, basic, inorganic, n.o.s. (Disodium metasilicate)

**Hazard Class:** Class 8

**UN Number:** UN3266

**Packing Group:** III

**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. No safety, health, or environmental regulations specific to this product are known.

## SECTION 16: OTHER INFORMATION

### **Disclaimer – Notice to Reader**

**Date of latest revision:** Sept 9, 2019

### **Disclaimer – Notice to Reader**

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