

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** Liquid Car Wash (#201)

**Recommended use:** Foaming Car Wash Cleaner

**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 1
Serious eye damage/irritation	Category 1
Skin sensitization	Category 1
Carcinogenicity	Category 1

**Signal word**    Danger



### Hazard statements

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

May cause cancer.

### 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.

Do not breathe fume/mist/vapours/spray.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

**Response** Immediately call a poison centre/doctor.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water or shower. If skin irritation or rash occurs get medical advice/attention.  
 Contaminated 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.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 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
Sodium hydroxide	1310-73-2	1-5
alkyl benzenesulfonic acid	68584-22-5	10-20
Lauryl alcohol ethylene oxide	9002-92-0	5-10
methyl chloro isothiazolinone	26172-55-4	<1
Sodium laureth sulphate	68891-38-3	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:** Rinse mouth. Do NOT induce vomiting  
**IF ON SKIN (or hair):** Wash with plenty of soap and water. Take off immediately all 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.  
**IF exposed or concerned:** Get medical advice/attention if you feel unwell.

### SECTION 5: FIRE FIGHTING MEASURES

**Flammable:** Not flammable  
**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 pumped

into dot approved containers. A full face-pipe air-purifying respirator equipped for organic vapours maybe satisfactory in case of small spills.

## SECTION 7: HANDLING AND STORAGE

**Handling Procedures and Equipment:** Use good industrial hygiene. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

**Storage Requirements:** Store locked up. 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
Sodium hydroxide	2 mg/m <sup>3</sup> Ceiling	2 mg/m <sup>3</sup> Ceiling	10 mg/m <sup>3</sup> Ceiling
alkyl benzenesulfonic acid	Not available	Not available	Not available
Lauryl alcohol ethylene oxide	Not available	Not available	Not available
methyl chloro isothiazolinone	Not available	Not available	Not available
Sodium laureth sulphate	Not available	Not available	Not available

**Gloves:** Chemical resistant gloves.

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

**Other (Specify):** Footwear – Rubber boots. An eye was and safety shower should be nearby.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Fluorescent coral liquid

**Odour:** cherry scent

**Odour Threshold (ppm):** Information not available

**pH:** 8.5

**Freezing Point:** Not available

**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):** Not available

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

**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:** 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)
Sodium hydroxide	400	1350	Not available
alkyl benzenesulfonic acid	1250	>2000	Not available
Lauryl alcohol ethylene oxide	4150	72000	8600
methyl chloro isothiazolinone	5000	5000	0.33
Sodium laureth sulphate	>2000	>2000	Not available

### EFFECTS OF ACUTE EXPOSURE:

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

**Skin Contact:** Causes skin burns.

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

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

**Germ cell mutagenicity:** Not applicable

**Carcinogenicity:** May cause cancer. IARC Category 1: Strong inorganic acid mists containing sulfuric acid, present at concentration between 0.1 and 1%.

**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 5915 mg/kg

**Dermal:** LD50 62,242 mg/kg

**Inhalation:** LC50 551 mg/L

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Sodium hydroxide	LC50 1149 mg/L, 96h	Not available	Not available
alkyl benzenesulfonic acid	LC50 1.67 mg/L, 96h	EC50 2.4 mg/L, 48h	EC50 47.3 mg/l, 72 h
Lauryl alcohol ethylene oxide	LC50 1400 µg/l, 96hr	LC50 >6460 µg/l, 48hr	Not available
methyl chloro isothiazolinone	LC50 0.19 mg/L, 96 h static	EC50 0.16 mg/L, 48h	Not available
Sodium laureth sulphate	LC50 7.1 mg/L, 96h	EC50 7.4 mg/L, 48h	EC50 27.7 mg/l, 72 h

**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 liquids, basic, Inorganic, n.o.s.

**Hazard Class:** 8

**UN Number:** UN3266

**Packing Group:** III

**Note:** No additional remark.

**Marine Pollutant:** None

### DOT (US):

**DOT Shipping Name:** Corrosive liquids, basic, Inorganic, n.o.s.

**DOT Hazardous Class:** 8

**DOT UN Number:** UN3266

**DOT Packing Group:** III

**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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