

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.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

Serious eye damage/irritation

Category 1

Signal word Danger



Hazard statements

Causes serious eye damage.

Precautionary statements

Prevention Wear eye and face protection.

Response 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.

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 |
| 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 with water. If irritation occurs, seek medical attention.

IF ON SKIN (or hair): Wash with plenty of soap and water. If skin irritation occurs, seek 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.

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 ³ Ceiling | 2 mg/m ³ Ceiling | 10 mg/m ³ Ceiling |
| Alkyl benzenesulfonic acid | Not available | Not available | Not available |
| Lauryl alcohol ethylene oxide | Not available | Not available | Not available |
| Sodium laureth sulphate | Not available | Not available | Not available |

Gloves: Not required under regular use, though it is good practice to wear 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 wash and safety shower should be nearby.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fluorescent coral liquid

Odour: Cherry

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 |
| 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: Prolonged contact may cause irritation and dryness.

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 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 | LC ₅₀ (96h): 1149 mg/L | Not available | Not available |
| Alkyl benzenesulfonic acid | LC ₅₀ (96h): 1.67 mg/L | EC ₅₀ (48h): 2.4 mg/L | EC ₅₀ (72h): 47.3 mg/L |
| Lauryl alcohol ethylene oxide | LC ₅₀ (96h): 1400 µg/L | LC ₅₀ (48h): >6460 µg/L | Not available |
| Sodium laureth sulphate | LC ₅₀ (96h): 7.1 mg/L | EC ₅₀ (48h): 7.4 mg/L | EC ₅₀ (72h): 27.7 mg/L |

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 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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