

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: EASY KLEEN II (#204)

Recommended use: Degreaser and 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

CONCENTRATE HAZARDS:

Hazard classification

Skin corrosion/irritation

Category 1

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/face protection.

Do not breathe fume/mist/vapours/spray.

Contaminated clothing should not be allowed out of the workplace.

Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE or doctor/physician.

IF ON SKIN (or hair): Immediately call a POISON CENTRE or doctor/physician. Rinse skin with water/shower. Take off immediately all contaminated clothing. 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. Immediately call a POISON CENTRE/doctor.

IF INHALED: Remove victim 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

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Ethylene Glycol Monobutyl Ether	11-76-2	5-10
Tetrasodium Ethylene Diamine Tetraacetate	64-02-8	1-5
Sodium Xylene Sulfonate	1300-72-7	1-5
Disodium Metasilicate	6834-92-0	1-5
Ethoxylated lauryl alcohol	9002-92-0	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. Immediately call a POISON CENTRE or doctor/physician.

IF ON SKIN (or hair): Immediately call a POISON CENTRE or doctor/physician. Rinse skin with water/shower. Take off immediately all contaminated clothing. 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. Immediately call a POISON CENTRE/doctor.

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

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 surrounding with soil or other non-combustible absorbent material and then pump into dot approved containers. A full face pipe air purifying cartridge respirator equipped for organic vapours may be satisfactory in case of small spills and self-contained breathing apparatus in the pressure demand mode should be used in case of large spills.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Handle in accordance with good industrial hygiene. Avoid contact with skin and eyes.

Storage Requirements: Store locked up. Store in a dry, well ventilated and cool place away from incompatible materials. Avoid contact with skin and eyes. Wash affected skin and clothing with soap and water after use.

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Ethylene Glycol Monobutyl Ether	20ppm (97mg/m ³) TLV	25ppm / 120mg/m ³ (skin) PEL	700ppm
Tetrasodium Ethylene Diamine Tetraacetate	Not available	Not available	Not available
Sodium Xylene Sulfonate	Not available	Not available	Not available
Disodium Metasilicate	Not available	Not available	Not available
Ethoxylated lauryl alcohol	Not available	Not available	Not available

Gloves: Butyl rubber gloves (CCOHS)

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, rubber boots

Other (Specify): An eye wash should be kept handy in case of emergency.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Purple liquid

Odour: mild alcohol scent

Odour Threshold (ppm): Information not available

pH: 12.0

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

Vapour Density (air = 1): >1

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, hot water, open flame and heat.

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)
Ethylene Glycol Monobutyl Ether	880	1060	925
Tetrasodium Ethylene Diamine Tetraacetate	Not listed	Not listed	Not listed
Sodium Xylene Sulfonate	7200	2000	Not listed
Disodium Metasilicate	1153	Not listed	Not listed
Ethoxylated lauryl alcohol	4150	72000	8600

EFFECTS OF ACUTE EXPOSURE:

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

Skin Contact: Causes skin damage.

Eye Contact: Causes serious eye damage.

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

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 7344 mg/kg

Dermal: LD50 9820 mg/kg

Inhalation: LC50 10,318 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Ethylene Glycol Monobutyl Ether	LC ₅₀ (Lepomis macrochirus): 1450mg/L	Not Established	Not Established
Tetrasodium Ethylene Diamine Tetraacetate	LC ₅₀ (Lepomis macrochirus): 41mg/L	Not Established	EC ₅₀ (Scenedesmus subspicatus) 1.01mg/L
Sodium Xylene Sulfonate	Not Established	Not Established	Not Established
Disodium Metasilicate	LC ₅₀ (Brachydanio rerio): 210mg/L	Not Established	Not Established
Ethoxylated lauryl alcohol	LC ₅₀ : 1.4 mg/L	LC ₅₀ : >6460 mg/L	Not Established

Persistence and Degradability: Expected to be >50% biodegradable.

Bioaccumulation/Accumulation: No information available.

Mobility: No information available.

Other adverse effects: None known

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

US TSCA Inventory Status: All ingredients of this product are either on the Toxic Substance Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All ingredients are specified on the Domestic Substances List or exempt.

California Proposition 65: This product does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.

SECTION 16: OTHER INFORMATION

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