

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Bio-Urinal Blocks (#2005)

Recommended use: Urinal Deodourizer and Drain Maintainer

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

Carcinogenicity

Category 2

Signal word Warning



Hazard statements

Suspected of causing cancer

Precautionary statements

Prevention Wear protective gloves/protective clothing/eye protection/face protection.

Obtain special instructions before use.

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

Response IF exposed or concerned: Get medical advice/attention.

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

SECTION 3: COMPOSITION

Ingredient	CAS #	% by weight
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	10-30% w/w
Coconut diethanolamide	68603-42-9	0.5-1.5% w/w
2,2'-iminodiethanol	111-42-2	£ 1% w/w

Additional information

In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR 1910.1200), the specific chemical identity and/or exact percentage composition has been withheld as a trade secret. For the wording of the listed hazard phrases refer to section 16.

SECTION 4: FIRST AID MEASURES

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact Immediately wash with water and soap and rinse thoroughly.

After eye contact Rinse opened eye for several minutes under running water.

After swallowing Immediately call a doctor.

Information for doctor Show this safety data sheet to the doctor in attendance.

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: No

Means of Extinction: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam

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: Clean up with broom, rinse area with water.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Handle in accordance with good industrial hygiene.

Storage Requirements: Store in a dry area and keep from freezing. Keep away from food.

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

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	10mg/m ³ TLV	15mg/m ³ TLV	Not available
Coconut diethanolamide	Not available	Not available	Not available
2,2'-iminodiethanol	Not available	Not available	Not available

Gloves: Not required with routine use.

Respirator: Not required with routine use.

Eye: Not required with routine use.

Footwear: Not required with routine use.

Clothing: Not required with routine use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: light blue solid

Odour: woody spice

Odour Threshold (ppm): Information not available

pH: 7.5 - 8.5

Freezing Point: Information not available

Initial Boiling Point/Range: Information not available

Flash point: Information not available

Evaporation Rate: Information not available

Flammability: Information not available

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): Information not available

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: Harsh chemical substances such as strong acids or alkalis

Hazardous Decomposition Products: Not known

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Not available	Not available	Not available
Coconut diethanolamide	Not available	Not available	Not available
2,2'-iminodiethanol	1600	12,200	Not available

EFFECTS OF ACUTE EXPOSURE:

Skin Contact: No irritating effect

Eye Contact: No irritating effect

Ingestion: May cause nausea, vomiting, and gastrointestinal irritation and diarrhoea.

Germ cell mutagenicity: Not available

Carcinogenicity: Coconut diethanolamide and 2,2'-iminodiethanol are listed as IARC Group 2 carcinogens

Reproductive toxicity: Not available

STOT single exposure: Not available

STOT repeated exposure: Not available

Aspiration hazard: Not an aspiration risk

Routes of exposure: Ingestion, inhalation, skin/eye exposure

EFFECTS OF CHRONIC EXPOSURE:

Skin Contact: Not known.

Eye Contact: Not known.

Ingestion: Not known

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Not available	Not available	Not available
Coconut diethanolamide	Not available	Not available	Not available
2,2'-iminodiethanol	Not available	Not available	Not available

Persistence and Degradability: Not expected to persist in the environment.

Bioaccumulation/Accumulation: No information available.

Mobility: No information available.

Other adverse effects: No information available.

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

SARA Section 355 (extremely hazardous substances): None of the ingredients are listed.

SARA Section 313 (specific toxic chemical listings): 2,2'-iminodiethanol

TSCA (Toxic Substances Control Act) (Substances not listed): Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Prop 65 - Chemicals known to cause cancer: Coconut diethanolamide and 2,2'-iminodiethanol

SECTION 16: OTHER INFORMATION

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