

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Pre Spray Carpet Cleaner ENV-401

Recommended use: Carpet 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

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

| | |
|-------------------------------|------------|
| Acute toxicity – oral | Category 5 |
| Acute toxicity – dermal | Category 5 |
| Skin corrosion/irritation | Category 1 |
| Serious eye damage/irritation | Category 1 |
| Corrosive to metals | Category 1 |

Signal word Danger



Hazard statements

May be harmful if swallowed.
May be harmful in contact with skin.
Causes severe skin burns and eye damage.
May be corrosive to metals.

Precautionary statements

Prevention Keep only in original packaging.
Wash thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, and face protection.
Do not breathe mist, vapours or spray.

Response Immediately call a POISON CENTER/doctor.

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

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.

Absorb spillage to prevent material-damage.

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 |
|-----------------------------|------------|-------------|
| Disodium metasilicate | 6834-92-0 | 1-5 |
| Glycol Ether EB | 111-76-2 | 5-10 |
| Tetrasodium EDTA | 64-02-8 | 1-5 |
| Sodium Xylene Sulfonate | 1300-72-7 | 1-5 |
| Alcohols, C12-16 ethoxylate | 68551-12-2 | 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 ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water or shower. Immediately call a poison centre/doctor.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Immediately call a poison centre/doctor.

IF SWALLOWED: Rinse mouth. Do not induce vomiting.

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: Pickup with mops. Wash down residue with water.

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 in compatible 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 |
|-----------------------------|-----------------------------------|---|-----------------------|
| Disodium metasilicate | Not available | Not available | Not available |
| Glycol Ether EB | TLV 20ppm/ 96mg/m ³ | PEL 25ppm / 120mg/m ³ (skin) | Not available |
| Tetrasodium EDTA | Not available | Not available | Not available |
| Sodium Xylene Sulfonate | Not available | Not available | Not available |
| Alcohols, C12-16 ethoxylate | Not available | Not available | Not available |

Gloves: Near protective gloves

Respirator: Not required for regular use

Eye: Safety glasses if handling large amounts and if there is significant probability of splashes.

Footwear: Not required for regular use

Clothing: Impervious clothing such as long sleeved shirt and trousers are recommended.

Other (Specify): An eye wash and shower should be available in case of emergency.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Odour: Mild chemical scent

Odour Threshold (ppm): Information not available

pH: 12 ± 0.03

Freezing Point: Information not available

Initial Boiling Point/Range: 90°C

Flash point: Not available

Evaporation Rate: Information not available

Flammability: Not flammable

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): Information not available

Vapour Density (air = 1): Information not available

Relative density: 1.03 ± 0.3

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: Acids, oxidizing agents, aluminium.

Hazardous Decomposition Products: None known

SECTION 11: TOXICOLOGICAL INFORMATION

| Ingredient | LD50 oral (mg/kg) (rat) | LD50 dermal (mg/kg) | LC50 inhalation (mg/L) |
|-----------------------------|-------------------------|---------------------|------------------------|
| Disodium metasilicate | 1280 | Not available | Not available |
| Glycol Ether EB | 470 | 400 | 486 |
| Tetrasodium EDTA | Not available | Not available | Not available |
| Sodium Xylene Sulfonate | 7200 | 2000 | Not available |
| Alcohols, C12-16 ethoxylate | >1700 | Not available | Not available |

Ingestion: May be harmful if ingested. Ingestions of large amounts may cause nausea, headaches, vomiting and diarrhoea.

Skin Contact: May be harmful if in contact with skin. Causes severe skin burns.

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 3,930 mg/kg

Dermal: LD50 3,942 mg/kg

Inhalation: LC50 63.3 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

| Ingredient | Fish | Crustaceans | Algae |
|-----------------------|---|--|-------------------------------------|
| Disodium metasilicate | LC ₅₀ (96hr): 210mg/L (Danio rerio) | EC ₅₀ (48hr): 1700mg/L (Daphnia magna) | EC ₅₀ (72hr): 207mg/L |

| | | | |
|-----------------------------|---|---|--|
| | | | (Desmodesmus subspicatus) |
| Glycol Ether EB | LC ₅₀ (96h): 1490 mg/L (Lepomis macrochirus) | EC ₅₀ (24h): 1700mg/L (Daphnia magna) | EC ₅₀ : 720 mg/L (Pseudokirchnerella subcapitata) |
| Tetrasodium EDTA | LC ₅₀ (96 h): > 500 mg/ (Leuciscus idus) | EC ₅₀ (48h): > 100 mg/L | Not available |
| Sodium Xylene Sulfonate | LC ₅₀ (96h): >1000 mg/L | EC ₅₀ (48h): >40.3 mg/L (Daphnia) | EC ₅₀ (96h): >230 mg/L |
| Alcohols, C12-16 ethoxylate | LC ₅₀ (96h): 2.6-2.9mg/L | EC ₅₀ (48hr) 1.2-2.7mg/L (Daphnia magna) | EC ₅₀ : 0.64-1.3mg/L |

Persistence and Degradability: Expected to be readily 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: 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.

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

SECTION 16: OTHER INFORMATION

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