



MATERIAL SAFETY DATA SHEET

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SECTION 1 - COMPANY INFORMATION

Carpet Detergent

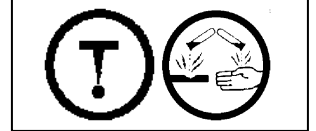
Product usage: Detergent for carpet & upholstery "steam" cleaning
Product type: Water based non-flammable slightly alkaline-inorganic-organic blend
WHMIS Class: Not Controlled.
Hazard Rating: HEALTH: (1) Slight; FIRE (0) Insignificant; REACTIVITY: (0) Insignificant
TDG Class: Not Regulated:

Supplier name and address:

Corporate Chemicals & Equipment
7 Neilson Street
St. Catharines, ON L2M 5V9
(905) 682-8888

Manufacturer's name and address

Refer to Supplier



Emergency Telephone# CANUTEC (613) 996-6666

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	%	CAS#	TOXICITY
Sodium Carbonate	< 4	497-19-8	LD50 (oral rats) 2.8 g/kg
Ethylene Diamine Tetra Acetic Acid, Tetra sodium Salt	<10	64-02-8	Not Available
1-Octanesulfonic acid, sodium salt 2-10		5324-84-5	Not Available

SECTION 3 - HAZARDS IDENTIFICATION

Potential Acute Health Effects:

Eye Contact: May cause severe eye irritation. May cause corneal injury. Liquid can cause severe, permanent damage and loss of vision. May cause eye burns. Vapours or mists may cause eye irritation.

Skin Contact: Prolonged contact may cause skin irritation with local redness. May cause more severe response if confined to skin or skin is abraded (scratched or cut). Repeated contact may cause skin burns. Symptoms may include pain, severe local redness, swelling and tissue damage. Mist may irritate skin. A single exposure is not likely to result in the material being absorbed through the skin in harmful amounts.

Inhalation: Single exposure to vapors is not expected to pose a hazard; vapors are primarily water. Mists may cause irritation of upper respiratory tract.

Ingestion: Single dose oral toxicity is low. Ingestion may cause gastrointestinal irritation or ulceration. Ingestion may cause burns of the mouth and throat. Aspiration into the lungs may occur during ingestion or vomiting, resulting in lung injury.

SECTION 4 - FIRST AID MEASURES

Skin: Remove contaminated clothing immediately. Wash exposed areas with copious amounts of running water. May be neutralized with sodium bicarbonate, epsom salts, or vinegar. Call a physician if necessary.

Eyes: Flush with water running water for 20 minutes lifting the upper and lower eyelids occasionally. Remove contact lenses if present. If irritation persists, get medical attention.

Ingestion: Do not induce vomiting. If victim is alert and not convulsing, give 1-2 glasses of water to dilute material. Immediately contact local poison control centre. Vomiting should be induced under the direction of a physician or a poison control centre. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Immediately transport victim to an emergency facility.

Inhalation: Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (cpr) if there is no is no breathing and no pulse. Obtain medical advice immediately



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SECTION 5 - FIRE FIGHTING MEASURES

Flash point:	Over 120 Deg. C. after drying
Flammability:	Non-Flammable
Combustion products:	None.
To Extinguish:	Not applicable.
Other:	None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Wear appropriate protective equipment.

Environmental Precautionary Measures: Prevent entry into sewers or streams, dike if needed.

Procedure for Clean Up: Isolate hazard area and restrict access. Try to work upwind of spill. Ventilate area. Prevent spilled material from entering sewers, confined spaces, drains, or waterways. Absorb with an inert dry material and place in an appropriate waste disposal container. Clean up residual with absorbent material and wash with water.

SECTION 7 - HANDLING AND STORAGE

As with all chemicals there are known and unknown effects on humans.
Minimize exposure of all chemicals, including this product, to skin, respiratory system, and eyes.
Keep out of reach of children. Avoid contamination of food.
Wash thoroughly after handling. Store in cool dry area. Do not freeze.

SECTION 8 - EXPOSURE CONTROLS & PROTECTIVE EQUIPMENT

Ventilation:	Normal building ventilation is adequate.
Breathing Protection:	Suitable breathing mask or respirator if mists or vapours are present.
Skin Protection:	Rubber gloves, rubber boots, or barrier cream if contact is expected.
Eye Protection:	Safety glasses with side shields when there is potential for eye contact

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear blue liquid	Density (g/ml):	1.12
pH as is:	10.3 - 10.7	Freezing point:	0 Deg. C.
pH use dilution:	9.5 - 10.0	Boiling Point:	100 Deg. C.
Solubility in water:	Soluble in all proportions	Evaporation Rate:	Same as water.
Odour:	Slightly sweet	Viscosity:	As water.

SECTION 10 - REACTIVITY & STABILITY DATA

Hazardous polymerization will not occur. Do not mix with strong acids, alkalis; oxidizing and reducing agents. Do not mix with chlorine bleach.

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure to:

Skin:	May cause skin irritation, defatting, chapping.
Eyes:	Irritating and may cause corneal injury.
Ingestion:	Accidental ingestion may cause burning pain in mouth, esophagus and stomach due to alkaline nature of product.
Inhalation:	If misted, may irritate or mucous membranes



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SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicological Information:

Ingredients	Ecotoxicity - Fish Species Data	Acute Crustaceans Toxicity:	Ecotoxicity - Freshwater Algae Data
Water	Not Available.	Not Available.	Not Available.
Tetrasodium ethylene diamine tetraacetate	LC50 96 h (Lepomis macrochirus) 41 mg/L static LC50 96 h (Pimephales promelas) 59.8 mg/L static	Not Available.	EC50 72 h Desmodesmus subspicatus 1.01 mg/L
Sodium glycolate	Not Available.	Not Available.	Not Available.
Disodium ethylenediaminetetraacetate	Not Available.	Not Available.	Not Available.
Trisodium nitrilotriacetate	LC50 96 h (Pimephales promelas) 93-170 mg/L flowthrough LC50 96 h (Lepomis macrochirus) 175-225 mg/L static LC50 96 h (Lepomis macrochirus) 252 mg/L LC50 96 h (Pimephales promelas) 470 mg/L static LC50 96 h (Oryzias latipes) 560-1000 mg/L LC50 96 h (Oryzias latipes) 560-1000 mg/L semi-static LC50 96 h (Oncorhynchus mykiss) 72-133 mg/L static LC50 96 h (Poecilia reticulata) 560-1000 mg/L semi-static LC50 96 h (Pimephales promelas) 114 mg/L	Not Available	EC50 96 h Chlorella vulgaris 560 - 1000 mg/L
Sodium Hydroxide	LC50 (Rainbow Trout) 1149 mg/l LC50 (Chinook Salmon) 152 mg/l	Not Available.	Not Available.
Trisodium ethylenediaminetetraacetate	Not Available.	Not Available.	Not Available.

Other Information:

Material is practically non-toxic to fish on an acute basis.

SECTION 13 - WASTE DISPOSAL

Disposal method: Flush contaminated area with plenty of water. For large spills, check with local environmental department, and government authorities.

SECTION 14 - TRANSPORTATION INFORMATION

DOT (U.S.):

DOT Shipping Name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (ETHYLENEDIAMINETETRAACTIC ACID, TETRASODIUM SALT)

DOT Hazardous Class 8



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DOT UN Number: UN3267

DOT Packing Group: II

DOT Reportable Quantity (lbs): Not Available

Note: No additional remark.

Marine Pollutant: No.

TDG (Canada):

TDG Shipping Name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (ETHYLENEDIAMINETETRAACTIC ACID, TETRASODIUM SALT)

Hazard Class: 8

UN Number: UN3267

Packing Group: II

Note: No additional remark.

Marine Pollutant: No.

SECTION 15 - REGULATORY INFORMATION

MSDS Prepared by: Technical Dept.

Telephone: (905) 682-8888

SECTION 16 - OTHER INFORMATION

References: Suppliers Material Safety Data Sheets.

Preparation Date: July 1/2011

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)