

MATERIAL SAFETY DATA SHEET

Product Name: **CARPET DETERGENT**

Date: 26-May-10 Page 1 of 2

SECTION I

PRODUCT INFORMATION

Supplied by: **SOLUTIONS PLUS FACTORY OUTLET**
17705 LESLIE STREET UNIT #14
NEWMARKET ON L3Y 3E3

Phone: (905) 715-7830
Fax: (905) 715-7769
Contact: Mr. Graham Howell

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.

SECTION II

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

SECTION III

PHYSICAL & 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 IV

FIRE AND EXPLOSION HAZARDS

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

SECTION V

HEALTH HAZARD DATA

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 of mucous membranes.

(continued on page 2)

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Date: **26-May-10** Page 2 of 2

SECTION V

HEALTH HAZARD DATA

(continued from page 1)

First Aid Procedures...

- 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 breathing and no pulse. Obtain medical advice immediately.

SECTION VI

REACTIVITY DATA

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

SECTION VII

CLEAN-UP OF SPILLS OR LEAKS

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

SECTION VIII

SPECIAL PROTECTION

- 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 IX

SPECIAL PRECAUTIONS

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 X

PREPARATION INFORMATION

Date: 26-May-10
Telephone: (905) 715-7830

MSDS Prepared by: Technical Dept.

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)