

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT INFORMATION

Product Name: **DYNA STRIP** **Date:** 07-Oct-13 **Page 1 of 2**
Supplied by: The Cleaning House **Phone:** (905) 547-2636
973 Barton St. E. **Fax:** (905) 547-1984
Hamilton, ON L2L 3C4 **Contact:** Shannon Morgan



Product type: Water based non-flammable alkaline, inorganic-organic chemical blend
WHMIS Class: E, D2B



Hazard Rating: HEALTH: (2) Moderate; FIRE (1) Slight; REACTIVITY: (0) Insignificant
TDG Class: Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide) UN 3266 CLASS 8 PG III
Limited quantity for packages 5 litres or less

SECTION II

HAZARDOUS INGREDIENTS

INGREDIENT	%	CAS#	TOXICITY
2-Butoxyethanol (Ethylene Glycol Monobutyl Ether)	10 - 30	111-76-2	LD50(oral rats) 470 mg/kg; LC50 (inhalation rat 4 hr) 450 ppm Chronic: may cause blood changes, headache, drowsiness, dizziness, weakness, tremor
Monoethanolamine	10 - 30	141-43-5	LD50 (oral rats) 620mg/kg. LC50 (inhalation) 2400 mg/m3
Sodium Hydroxide (Lye, Caustic)	1 - 5	1310-73-2	LD50(oral mice) >500 mg/kg; LV= 2 mg/kg; A 1 % solution in a rabbit's eye for 24 hrs. produced severe irritation. Corrosive.

SECTION III

PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear colourless liquid	Density (g/ml): 1.04-1.06
pH as is: 13 - 14	Freezing point: -10 Deg. C.
pH use dilution: 11 - 13	Boiling Point: 100 Deg. C.
Solubility in water: Soluble in all proportions	Evaporation Rate: Same as water.
Odour: Sweet	Viscosity: As water.

SECTION IV

FIRE AND EXPLOSION HAZARDS

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

SECTION V

HEALTH HAZARD DATA

Effects of Acute Exposure to:

Skin: May cause skin irritation, defatting, chapping, dermatitis.
Eyes: Severe 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, causes irritation of mucous membranes, coughing.
Other: On chronic skin exposure, 2-Butoxyethanol may be absorbed causing blood changes as listed for pure chemical. Alkaline nature of product limits tolerance of product to skin contact. Also, dilution of product minimizes hazard.

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SECTION V

HEALTH HAZARD DATA

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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 30 minutes lifting the upper and lower eyelids occasionally. Remove contact lenses. Get medical attention.
- Ingestion:** Drink large quantities of milk or water, if possible. Do not induce vomiting. Other demulcent drinks may be helpful (e.g. raw egg whites, aluminum hydroxide gels). Avoid mineral oil and alcohol. Oxygen therapy and other measures against pulmonary edema, as indicated. Call a physician immediately.
- 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 attention immediately.
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SECTION VI

REACTIVITY DATA

Product is stable. Do not mix with strong acids, alkalis; oxidizing and reducing agents. Do not mix with chlorine bleach. Do not allow to contact non-ferrous metals for extended periods of time. Hazardous polymerization will not occur.

SECTION VII

CLEANUP OF SPILLS OR LEAKS

- Disposal method:** Sanitary sewer or dry absorbent material. For large quantities, check with local environmental department, and government authorities.
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SECTION VIII

SPECIAL PROTECTION

- Ventilation:** Evaporation of solvent in product requires good fresh air ventilation.
- Breathing Protection:** Suitable breathing mask if mists or vapours are present.
- Skin Protection:** Rubber gloves, rubber boots, barrier cream.
- Eye Protection:** Safety glasses with side shields when there is potential for eye contact. Contact lenses should not be worn.
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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. Store product in suitable labelled containers. Keep container closed when not in use. Rinse work area after use. Keep out of reach of children. Avoid contamination of food. Wash thoroughly after handling. Store in cool dry well ventilated area away from open flame and heat sources.

SECTION IX

PREPARATION INFORMATION

Date: 07-Oct-13
Telephone: (905) 547-2636

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) or (CSST) in Montreal, Quebec (514) 873-3990
