

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT INFORMATION

Product Name: **Machine Dysh**

Date: 14-Oct-13

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Supplied by: **The Cleaning House**
973 Barton St. E.
Hamilton, ON L2L 3C4

Phone: (905) 547-2636
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Contact: Shannon Morgan

Product usage: Machine dish washer detergent

Product type: Highly alkaline inorganic chemical blend

WHMIS Class: E

Hazard Rating: HEALTH: (3) Serious; FIRE (0) Insignificant; REACTIVITY: (0) Insignificant

TDG Class: Not regulated

SECTION II

HAZARDOUS INGREDIENTS

INGREDIENT	%	CAS#	TOXICITY
Sodium Metasilicate	20 - 40	6834-92-0	LD50 (oral rat) 1153 mg/kg. Alkaline, corrosive, eye & skin irritant.
Sodium Carbonate	20 - 40	497-19-8	LD50 (oral rats) 2.8 g/kg
Sodium Dichloro-S-Triazine-Trione dihydrate	1 - 5		LD50 (oral rat) 750 mg/kg; CHRONIC: No Effect by feeding 1200 ppm solution to rats

SECTION III

PHYSICAL & CHEMICAL PROPERTIES

Appearance:	White powder	Density (g/ml):	Approx. 1.0
pH as is:	Not applicable.	Freezing point:	Not applicable
pH use dilution:	12.3 to 13.0	Boiling Point:	Not applicable
Solubility in water:	5 - 10%	Evaporation Rate:	Not applicable
Odour:	Slight chlorine	Viscosity:	Not applicable

SECTION IV

FIRE AND EXPLOSION HAZARDS

Flash point:	Not flammable.
Flammability:	Not flammable.
Combustion products:	Oxides of carbon, nitrogen, and chlorine
To Extinguish:	Not applicable
Other:	Reacts with metals such as aluminum, zinc, to form flammable hydrogen gas.

SECTION V

HEALTH HAZARD DATA

Effects of Acute Exposure to:

Skin:	Corrosive to rabbit's skin when moistened following a 4 hour exposure.
Eyes:	May cause severe irritation with corneal injury and result in permanent impairment of vision. Dusts may irritate eyes.
Ingestion:	Corrosive to mouth and throat. Swallowing causes severe and rapid burning of the mouth, throat, and digestive tract accompanied by pain, vomiting and collapse. Some effects may be delayed.
Inhalation:	Dusts or mists may cause irritation of mucous membranes, coughing.
Other:	No carcinogenicity, teratogenicity, mutagenicity reported for ingredients.

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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 until no longer slippery. Neutralize with an aqueous solution of epsom salts (magnesium sulphate) or vinegar. Get medical attention if irritation persists.
- Eyes:** Flush with water running water for 20 minutes lifting the upper and lower eyelids occasionally. Remove contact lenses. 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 attention immediately.

SECTION VI

REACTIVITY DATA

Product is unstable if moistened as sodium dichloro-s-triazine-trione decomposes. Avoid products containing ammonia, ammonium compounds, and amines as harmful gases are released. Avoid concentrated acids as heat is generated and chlorine gas is released.. Avoid aluminum, tin, galvanized zinc, brass, and bronze as flammable hydrogen gas is formed. Keep away from organic halogen compounds, especially trichloroethylene. Hazardous polymerization will not occur. Do not mix with other chemicals.

SECTION VII

CLEANUP OF SPILLS OR LEAKS

- Disposal method:** Sweep up. Dispose small quantities in approved landfill sights. For larger amounts, contact local environmental department, and government authorities.

SECTION VIII

SPECIAL PROTECTION

- Ventilation:** Normal building ventilation is adequate.
- Breathing Protection:** Suitable breathing mask or respirator if dusts 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. Contact lenses should not be worn.

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: 14-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