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Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name MIGHTY MAID DISH POWDER
Product use Dish Washing Powder.
Product code N/A
Date of issue 02/13/15 **Supersedes** Not available.

Emergency Telephone Numbers

For MSDS Information:
 Technical Services Group
 Telephone (780) 453-8100
 (Business Hours 8:00am - 5:00pm)

For Medical or Transportation Emergency
 CANUTEC (24 Hours)
 (613) 996-6666 - Call Collect

Prepared By
 Technical Services Group
 11627 178th Street
 Edmonton, Alberta T5S 1N6

Section 2. Hazards Identification

Emergency overview

CAUTION !

MAY BE HARMFUL IF SWALLOWED.

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat. Do not breathe dust. Do not ingest. Avoid contact with eyes, skin and clothing. Contains material that can cause target organ damage. Contains material which may cause cancer. Risk of cancer depends on duration and level of exposure. Wash thoroughly after handling.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects **Routes of Entry** Dermal contact. Eye contact. Inhalation.

Eyes Corrosive to eyes. Eye contact can result in corneal damage or blindness.

Skin Causes skin irritation. Skin contact can produce inflammation and blistering. Corrosive to the skin.

Inhalation Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion Harmful if swallowed.

Chronic effects Contains material which causes damage to the following organs: kidneys. Repeated or prolonged skin contact may produce chronic inflammation or dermatitis, characterized by redness, scaling or itching. Repeated eye exposure may produce chronic inflammation of the eye or corneal damage.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
SODIUM CARBONATE; soda ash; carbonic acid, disodium salt	497-19-8	15 - 40
SODIUM NITRILOTRIACETATE; nta; nitrilotriacetic acid trisodium salt monohydrate	18662-53-8	10 - 30
SODIUM METASILICATE; silicic acid (H2-Si-O3) disodium salt; water glass	6834-92-0	10 - 30
SODIUM DICHLORO-s-TRIAZINETRIONE, DIHYDRATE; sodium dichlorocyanurate dihydrate	51580-86-0	1 - 5

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Skin Contact	Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.
Ingestion	If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.

Section 5. Fire Fighting Measures

Flash Point	Closed cup: Not applicable.
Flammable Limits	Not available.
Flammability	Not available.
Auto-ignition Temperature	
Fire-Fighting Procedures	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use dry chemical, CO ₂ , water spray (fog) or foam.
Fire hazard	No specific fire or explosion hazard.
Products of Combustion	May emit toxic fumes under fire conditions. carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ etc.) and Chlorine. gas
Explosion hazard	Not available.

Section 6. Accidental Release Measures

Spill Clean up	Put on appropriate personal protective equipment (see Section 8). Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
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Section 7. Handling and Storage


Handling	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container. Wash thoroughly after handling.
Storage	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name	Exposure limits
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No exposure limit value known.

Personal Protective Equipment (PPE)

Eyes	Recommended: Safety glasses.	
Hands and Body	Recommended: Neoprene gloves. Nitrile gloves. Rubber gloves.	
Respiratory	If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator.	

Section 9. Physical and Chemical Properties

Physical State Solid. Powder.
pH 11.5 - 12.5 [Conc. (% w/w): 1%]
Boiling Point Not available.
Specific Gravity Not applicable.
Solubility Very slightly soluble in the following materials:
 cold water and hot water. 9g/100mL

Color White.
Odor Chlorine. [Slight]
Vapor Pressure Not applicable.
Vapor Density Not available.
Evaporation Rate Not available.
VOC (Consumer) Not available.

Freezing Point**Section 10. Stability and Reactivity**

Stability and Reactivity The product is stable.
Incompatibility Reactive or incompatible with the following materials: oxidizing materials, organic materials, metals, acids and Ammonia.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information**Carcinogenicity****Acute toxicity****Mutagenicity****Conclusion/Summary** :**Teratogenicity****Conclusion/Summary** :**Reproductive toxicity****Conclusion/Summary** :**Section 12. Ecological Information****Environmental Effects** No known significant effects or critical hazards.**Aquatic Ecotoxicity**

Product/ingredient name	Test	Result	Species	Exposure
Not available.				

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

Waste Stream Not available.**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
TDG Classification	Not regulated.	-	-	-		-
IMDG Class	Not available.	Not available.	Not available.	-		-

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG* : Packing group

Section 15. Regulatory Information**Canada****WHMIS (Canada)**

Class D-2A: Material causing other toxic effects (Very toxic).

Class E: Corrosive material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.