

POWDER DISHMACHINE DETERGENT

National Fire Protection Association (NFPA)	Fire Hazard Health 3 0 1 Reactivity	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>3</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>1</td></tr></table>	Health	3	Fire Hazard	0	Reactivity	1
Health	3								
Fire Hazard	0								
Reactivity	1								
Specific Hazard									
Protective Clothing		Emergency Overview	White. Powder. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.						

Section 1. Chemical Product and Company Identification

Product Name	POWDER DISHMACHINE DETERGENT	Code	48041
Product Use	Industrial/Institutional: Cleaning product.	PMS#	447710
MSDS#	126450001	Validation Date	8/13/2001
U.S. Headquarters Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Canadian Headquarters Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Print Date	8/13/2001
		Supersedes	8/13/2001.
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Dichloroisocyanurate	2893-78-9	1-5	Not available.	ORAL (LD50): Acute: 1420 mg/kg [Rat]. DERMAL (LD50): Acute: 6000 mg/kg [Rabbit].
Linear Alcohol Alkoxylate Sodium Carbonate	68987-81-5 497-19-8	1-5 10-30	Not available. Not available.	Not available. ORAL (LD50): Acute: 4090 mg/kg [Rat]. DUST (LC50): Acute: 2300 mg/m ³ 2 hour(s) [Rat].
Sodium Tripolyphosphate	7758-29-4	10-30	Not available.	ORAL (LD50): Acute: 3120 mg/kg [Rat].
Sodium Sulfate	7757-82-6	10-30	Not available.	Not available.
Sodium Metasilicate Pentahydrate	6834-92-0	10-30	Not available.	ORAL (LD50): Acute: 770 mg/kg [Rat].

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
<u>Eyes</u>	Corrosive. May cause permanent damage including blindness.
<u>Skin</u>	Corrosive. May cause permanent damage.
<u>Inhalation</u>	May cause irritation and corrosive effects to nose, throat and respiratory tract.
<u>Ingestion</u>	Corrosive. May cause burns to mouth, throat and stomach.
Medical Conditions Aggravated by Overexposure:	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion	Do not induce vomiting! Immediately drink 1-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	None.
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Do not taste or swallow. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. NEVER USE OR MIX WITH ACIDS, AMMONIA OR ANY OTHER CHEMICAL. Can react to release hazardous vapors. If this occurs, leave area immediately. Ventilate if possible. Avoid breathing dust. FOR INDUSTRIAL USE ONLY
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
Eyes	Chemical splash goggles.
Hands	Chemical resistant gloves. Includes: Rubber gloves. Neoprene gloves.
Respiratory	If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Feet	Protective footwear.
Body	If major exposure is possible, wear suitable protective clothing and footwear.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Solid. (Powder.)
Odor	Chlorine. (Slight.)
Color	White.
pH	11.2 to 12.2 [Basic.] (1% solution)
Specific Gravity	1.34
Solubility in water	Complete.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Highly reactive with combustible materials. Reactive with acids. Ammonia. May release dangerous gases (chlorine). Ventilate if possible.
Hazardous Decomposition Products	Toxic decomposition products include: Chlorine. Oxides of sodium. Oxides of nitrogen. Oxides of sulfur.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Corrosive.
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information	Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations.
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Section 14. Transport Information
DOT Classification

DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
DOT Class	
UN/NA	
DOT Special Considerations	

TDG Classification

TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	
PIN/NIP	
TDG Special Considerations	

Section 15. Regulatory Information
Reporting in this section is based on ingredients disclosed in Section 2
US Regulations

Federal	Clean Water Act (CWA) 311: Sodium Tripolyphosphate CERCLA: Hazardous substances.: Sodium Tripolyphosphate
State	New Jersey spill list: Sodium Tripolyphosphate New Jersey: Sodium Dichloroisocyanurate, Sodium Tripolyphosphate Massachusetts spill list: Sodium Tripolyphosphate Massachusetts RTK: Sodium Sulfate, Sodium Dichloroisocyanurate, Sodium Tripolyphosphate Pennsylvania RTK: Sodium Sulfate, Sodium Dichloroisocyanurate, Sodium Tripolyphosphate This product is not subject to the reporting requirements under California's Proposition 65.
Registered Product Information	Not applicable.

Canadian Regulations

Canadian NPRI Chlorine.

WHMIS Classification Class E: Corrosive solid.

WHMIS Icon

Registered Product Information Not applicable.

Chemical Inventory Status All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information
Other Special Considerations Not available.

Version 2

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