

# ADVANCE CLEAN POWDER DISHMACHINE DETERGENT

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	3	
	Health			3	Fire Hazard	0
	Reactivity			0	Reactivity	0
Specific Hazard						
Protective Clothing			Emergency Overview	White powder Solid. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.		

Section 1. Chemical Product and Company Identification					
Product Name	ADVANCE CLEAN POWDER DISHMACHINE DETERGENT			Code	3318250 & 3359414
Product Use	Industrial/Institutional			PMS#	Not available.
MSDS#	F-00484001			Validation Date	3/29/2004
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversevy.com		Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131		Print Date	3/29/2004
				Supersedes	3/29/2004.
				In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Tripolyphosphate	7758-29-4	10-30	Not available.	ORAL (LD50): Acute: 3120 mg/kg [Rat]. 3100 mg/kg [Mouse]. DERMAL (LD50): Acute: >4640 mg/kg [Rabbit]. ORAL (LD50): Acute: 4090 mg/kg [Rat]. 6600 mg/kg [Mouse]. DUST (LC50): Acute: 2300 mg/m <sup>3</sup> 2 hour(s) [Rat]. Not available.
Sodium Carbonate	497-19-8	60-100	Not available.	
Sodium Hydroxide	1310-73-2	10-30	<b>OSHA (United States).</b> CEIL: 2 mg/m <sup>3</sup> <b>ACGIH (United States).</b> STEL: 2 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 2003). Notes:</b> CEIL: 2 mg/m <sup>3</sup> <b>OSHA PEL (United States, 1993). Notes:</b> TWA: 2 mg/m <sup>3</sup> 8 hour(s)	

**Section 3. Hazards Identification**

<b>Routes of Entry</b>	Skin Contact. EYE CONTACT. INHALATION.
<b>Potential Acute Health Effects</b>	<p><i>Eyes</i> Corrosive. May cause permanent damage including blindness.</p> <p><i>Skin</i> Corrosive. May cause permanent damage.</p> <p><i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p><i>Ingestion</i> May cause abdominal discomfort, nausea, vomiting and diarrhea. Corrosive. May cause burns to mouth, throat and stomach.</p>
<b>Medical Conditions Aggravated by Overexposure:</b>	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**

<b>Eye Contact</b>	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
<b>Skin Contact</b>	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Inhalation</b>	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
<b>Ingestion</b>	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**

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	Not available.
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
<b>Protective Clothing (Fire)</b>	Wear appropriate protective clothing to prevent skin contact.
<b>Special Remarks on Fire and Explosion Hazards</b>	None known.

**Section 6. Accidental Release Measures**

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Environmental Precautions and Clean-up Methods</b>	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**

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Do not taste or swallow. Do not breathe dust. 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. FOR COMMERCIAL AND INSTITUTIONAL USE ONLY
<b>Storage</b>	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**

<b>Engineering Controls</b>	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
<b>Personal Protection</b>	
<b>Eyes</b>	Chemical splash goggles.
<b>Hands</b>	Chemical resistant gloves.
<b>Respiratory</b>	If dust is generated and ventilation is inadequate, use NIOSH certified respirator that will protect against dust/mist.
<b>Feet</b>	Protective footwear.
<b>Body</b>	If major exposure is possible, wear suitable protective clothing and footwear.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Solid.
<b>Color</b>	White powder
<b>Specific Gravity</b>	1.03
<b>VOC</b>	0 %
<b>Solubility in water</b>	Not available.

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions of Instability</b>	None known.
<b>Incompatibility with Various Substances</b>	Reactive with metals, acids.
<b>Hazardous Decomposition Products</b>	None known.
<b>Hazardous Polymerization</b>	Not available.

**Section 11. Toxicological Information**

<b>Acute toxicity</b>	Estimated to be greater than 2000 mg/kg (rat).
<b>Effects of Chronic Exposure</b>	None known.
<b>Other Toxic Effects</b>	None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	Disposal of undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations.
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**Section 14. Transport Information**

<b>DOT Classification</b>	
<b>DOT Proper Shipping Name</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
<b>DOT Class</b>	Not applicable.
<b>Packing Group</b>	Not applicable
<b>DOT Special Considerations</b>	- Not applicable.

**TDG Classification**

<b>TDG Proper Shipping Name</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
<b>TDG Class</b>	Not applicable.
<b>PIN/NIP</b>	Not applicable
<b>Packing Group</b>	Not applicable
<b>TDG Special Considerations</b>	Not applicable

**Section 15. Regulatory Information**

**Reporting in this section is based on ingredients disclosed in Section 2**

**US Regulations**

**Federal** SARA 302/304/311/312 hazardous chemicals: Sodium Tripolyphosphate, Sodium Carbonate, Sodium hydroxide  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Sodium Tripolyphosphate, Sodium Carbonate, Sodium hydroxide  
 Clean Water Act (CWA) 311: Sodium Tripolyphosphate, Sodium hydroxide  
 CERCLA: Hazardous substances.: Sodium Tripolyphosphate, Sodium hydroxide

**State** New Jersey spill list: Sodium Tripolyphosphate, Sodium hydroxide  
 New Jersey: Sodium Tripolyphosphate, Sodium hydroxide  
 Massachusetts spill list: Sodium Tripolyphosphate, Sodium hydroxide  
 Massachusetts RTK: Sodium Tripolyphosphate, Sodium hydroxide  
 Pennsylvania RTK: Sodium Tripolyphosphate, Sodium hydroxide

This product is not subject to the reporting requirements under California's Proposition 65.

**Registered Product Information** Not applicable.

**Canadian Regulations**

**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** 1.02

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