

SUPER DILAC ND

National Fire Protection Association (NFPA)	Fire Hazard Health30Reactivity1	Hazardous Material Information System (HMIS) Health3 Fire Hazard0 Reactivity1
Specific Hazard		
Protective Clothing 	Emergency Overview Clear. Colorless. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.	

Section 1. Chemical Product and Company Identification

Product Name	SUPER DILAC ND	Code	33355851
Product Use	Industrial/Institutional	PMS#	Not available.
MSDS#	34481500263	Validation Date	7/14/2004
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiverse.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	Print Date	7/14/2004
		Supersedes	No Previous Validation.
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Water Nitric acid	7732-18-5 7697-37-2	30-60 30-60	Not available. ACGIH (United States). TWA: 5.2 mg/m ³ STEL: 10 mg/m ³ ACGIH TLV (United States, 2003). Notes: STEL: 10 mg/m ³ 15 minute(s). STEL: 4 ppm 15 minute(s). TWA: 5.2 mg/m ³ 8 hour(s). TWA: 2 ppm 8 hour(s). OSHA PEL (United States, 1993). Notes: TWA: 5 mg/m ³ 8 hour(s). TWA: 2 ppm 8 hour(s)	Not available. Not available.
Phosphoric acid	7664-38-2	5-10	ACGIH (United States). TWA: 1 mg/m ³ STEL: 3 mg/m ³ ACGIH TLV (United States, 2003). Notes: STEL: 3 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 8 hour(s). OSHA PEL (United States, 1993). Notes: TWA: 1 mg/m ³ 8 hour(s)	ORAL (LD50): Acute: 1530 mg/kg [Rat]. DERMAL (LD50): Acute: 2740 mg/kg [Rabbit]. VAPOR (LC50): Acute: >850 mg/m ³ 1 hour(s) [Rat].

Section 3. Hazards Identification

Routes of Entry	Skin Contact. Eye contact. Inhalation.
Potential Acute Health Effects	
<i>Eyes</i>	Corrosive. May cause permanent damage including blindness.
<i>Skin</i>	Corrosive. May cause permanent damage.
<i>Inhalation</i>	May cause irritation and corrosive effects to nose, throat and respiratory tract.
<i>Ingestion</i>	Corrosive. May cause burns to mouth, throat and stomach. May be fatal if swallowed.
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	Open cup: >100°C (212°F) Closed cup: >100°C (212°F).
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. Avoid breathing vapors or spray mists. 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
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	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves.
<i>Respiratory</i>	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.
<i>Feet</i>	Protective footwear.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing and footwear.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Sharp, acidic (Slight.)
Color	Clear. Colorless.
pH	<2 [Acidic.]
Specific Gravity	1.28
VOC	0 %
Solubility in water	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with metals, alkalis. Slightly reactive to reactive with organic materials.
Hazardous Decomposition Products	oxides of nitrogen
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Estimated to be between 1000 and 2500 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

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 applicable 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 Not applicable.

TDG Classification

TDG Proper Shipping Name Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class 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 extremely hazardous substances: Nitric acid
 SARA 302/304 emergency planning and notification: Nitric acid
 SARA 302/304/311/312 hazardous chemicals: Nitric acid, Phosphoric acid
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Nitric acid, Phosphoric acid
 SARA 313 toxic chemical notification and release reporting: Nitric acid
 Clean Water Act (CWA) 311: Nitric acid, Phosphoric acid
 Clean air act (CAA) 112 accidental release prevention: Nitric acid
 Clean air act (CAA) 112 regulated toxic substances: Nitric acid
 CERCLA: Hazardous substances.: Nitric acid, Phosphoric acid

State New Jersey spill list: Phosphoric acid
 New Jersey: Nitric acid, Phosphoric acid
 Massachusetts spill list: Phosphoric acid
 Massachusetts RTK: Nitric acid, Phosphoric acid
 Pennsylvania RTK: Nitric acid, Phosphoric acid

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

Registered Product Information Not applicable.

Canadian Regulations

Canadian NPRI Canadian NPRI: Nitric acid, Phosphoric acid.

WHMIS Classification Class D-1A: Material causing immediate and serious toxic effects (VERY TOXIC).
 Class E: Corrosive liquid.

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

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