

MR MUSCLE CHLORINATED CLEANSER II

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Section 1. Chemical Product and Company Identification

Product Name	MR MUSCLE CHLORINATED CLEANSER II	Code	94495
Product Use	Industrial/Institutional: Cleaning product.	PMS#	438691
MSDS#	126468001	Validation Date	6/9/2004
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversey.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	Print Date	6/9/2004
		Supersedes In Case of Emergency	No Previous Validation (800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Quartz	14808-60-7	0.1-1.0	OSHA (United States). TWA: 0.1 mg/m ³ ACGIH (United States). TWA: 0.1 mg/m ³ ACGIH TLV (United States, 2003). Notes: Substance identified by other sources as a suspected or confirmed human carcinogen. Respirable fraction. The concentration of respirable dust for the application of this limit is to be determined for the fraction passing a size-selector with the character TWA: 0.05 mg/m ³ 8 hour(s). Form: Respirable fraction NIOSH REL (United States, 2001). Notes: See Appendix A - NIOSH Potential Occupational Carcinogen TWA: 0.05 mg/m ³ 10 hour(s) Not available.	Not available.
Sodium Carbonate	497-19-8	1-5	Not available.	ORAL (LD50): Acute: 4090

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Calcium carbonate	1317-65-3	60-100	ACGIH (United States). TWA: 10 mg/m ³ NIOSH REL (United States, 2001). Notes: TWA: 5 mg/m ³ 10 hour(s). Form: Respirable fraction TWA: 10 mg/m ³ 10 hour(s). Form: Total OSHA PEL (United States, 1993). Notes: TWA: 5 mg/m ³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m ³ 8 hour(s). Form: Total dust OSHA PEL 1989 (United States, 1989). Notes: TWA: 5 mg/m ³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m ³ 8 hour(s). Form: Total dust	mg/kg [Rat]. 6600 mg/kg [Mouse]. DUST (LC50): Acute: 2300 mg/m ³ 2 hour(s) [Rat]. ORAL (LD50): Acute: 6450 mg/kg [Rat].
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Section 3. Hazards Identification

Routes of Entry Inhalation. Skin contact. Eye contact.

Potential Acute Health Effects

Eyes May be mildly irritating to eyes.

Skin May be mildly irritating to skin.

Inhalation None known.

Ingestion None known.

Medical Conditions None known.

Aggravated by Overexposure:

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Flush immediately with plenty of water. Get medical attention if irritation occurs.

Skin Contact Flush immediately with plenty of water. Get medical attention if irritation occurs.

Inhalation No specific first aid measures are required.

Ingestion Immediately drink plenty of water. Get medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product None known.

Flash Points None known.

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.

Special Remarks on Fire and Explosion Hazards None known. Contains an oxidizer. May ignite fires by spontaneous combustion in presence of combustibles. Container may explode in heat of fire.

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 skin and eyes. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
<i>Eyes</i>	No special requirements under normal use conditions.
<i>Hands</i>	No special requirements under normal use conditions.
<i>Respiratory</i>	No special protective clothing is required. Use of this product will not produce respirable aerosols such as respirable quartz dust.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Powder.
Odor	Pine.
Color	White.
pH	10.6 (Conc. (% w/w): 10) [Basic.]
Solubility in water	Slight

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with acids. Avoid mixing with: Ammonia.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat). DERMAL (LD50) Estimated to be greater than 2000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	Excessive long-term exposure to respirable crystalline silica may cause silicosis, a form of progressive pulmonary fibrosis. Severe and permanent lung damage may result. When used as directed, exposure to product is minimal. NTP: Crystalline silica is classified as an NTP Anticipated Human Carcinogen - "Substances or groups of substances that may reasonably be anticipated to be carcinogens." IARC: "IARC Monographs on the Evaluation of the Carcinogenic Risks to Humans, "Vol.68 - for Crystalline Silica (Quartz) - determined that "There is sufficient evidence of the carcinogenicity of crystalline silica in humans."

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information No special precautions. Dispose of according to all federal, state and local regulations.

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.

TDG Classification

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

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: Calcium carbonate, Sodium Carbonate
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Calcium carbonate, Sodium Carbonate

State Massachusetts RTK: Calcium carbonate
Pennsylvania RTK: Calcium carbonate

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

Registered Product Information Not applicable.

Canadian Regulations

WHMIS Classification Not applicable.

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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