




MR. MUSCLE OVEN, GRILL AND STAINLESS STEEL CLEANER

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

Section 1. Chemical Product and Company Identification

Product Name	MR. MUSCLE OVEN, GRILL AND STAINLESS STEEL CLEANER	Code	91208
Product Use	Industrial/Institutional: Cleaning product.	PMS#	433207
MSDS#	126063003	Validation Date	04/19/2000
U.S. Headquarters Drackett Professional A Division of S.C. Johnson Commercial Markets, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249	In Case of Emergency	Print Date	04/20/2000
		Supersedes	04/13/2000.
			(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Cristobalite	14464-46-1	<0.1	TWA: 0.05 (mg/m ³) from OSHA (PEL) [United States] Respirable. TWA: 0.05 (mg/m ³) from ACGIH (TLV) [United States] Respirable. Not available.	Not available.
Hydrated Magnesium Aluminum Silicate	12199-37-0	1-5	Not available.	Not available.
Monoethanolamine	141-43-5	1-5	TWA: 8 STEL: 15 (mg/m ³) from OSHA (PEL) [United States] TWA: 7.5 STEL: 15 (mg/m ³) from ACGIH (TLV) [United States] Not available.	ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
Sodium Hydroxide	1310-73-2	1-5	CEIL: 2 (mg/m ³) from OSHA (PEL) [United States] STEL: 2 (mg/m ³) from ACGIH (TLV) [United States] Not available.	Not available.
Diethylene Glycol Butyl Ether	112-34-5	10-30	Not available.	ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 2700 mg/kg [Rabbit]. Not applicable.
Water	7732-18-5	60-100	Not available.	Not applicable.

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
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.

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Medical Conditions 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 plenty of water. 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	CLOSED CUP: >93°C (199.4°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 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	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves. Includes: Neoprene gloves. Rubber 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.

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Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Citrus.
Color	Tan.
pH	13 [Basic.]
Specific Gravity	1.1
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)
Viscosity	300 cP (Dynamic).
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	Reactive with acids.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion. Toxic decomposition products include: Oxides of sodium.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Corrosive.
Effects of Chronic Exposure	None known.
Other Toxic Effects	Contains approximately 0.1% Cristobalite (CAS# 14464-46-1), NJ, PA, MA, NTP. This formulation is a heavy, viscous liquid. Therefore, respirable-size particles of dry Crstobalite are not expected to become airborne and will not be inhaled.

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	Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide , Monoethanolamine)
DOT Class	Class 8: Corrosive material
UN/NA	UN3266
Packing Group	II
DOT Special Considerations	Limited Quantity

TDG Classification

TDG Proper Shipping Name	Corrosive liquids, n.o.s. (Sodium hydroxide , Monoethanolamine)
TDG Class	Class 8: Corrosive material
PIN/NIP	UN3266
Packing Group	II

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**MR. MUSCLE OVEN, GRILL AND STAINLESS STEEL
CLEANER**TDG Special
Considerations

Limited Quantity

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 Hydroxide
CERCLA: Hazardous substances.: Diethylene Glycol Butyl Ether, Sodium Hydroxide

State New Jersey spill list: Diethylene Glycol Butyl Ether, Sodium Hydroxide
New Jersey: Monoethanolamine, Diethylene Glycol Butyl Ether, Sodium Hydroxide, Cristobalite
Massachusetts spill list: Monoethanolamine, Sodium Hydroxide
Massachusetts RTK: Monoethanolamine, Sodium Hydroxide, Cristobalite
Pennsylvania RTK: Monoethanolamine, Diethylene Glycol Butyl Ether, Sodium Hydroxide, Cristobalite
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 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** MSDS Serial Range: 001-003**Version** 1**Notice to Reader**

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