

MSDS # 126040001

# MR. MUSCLE OVEN, GRILL & STAINLESS STEEL CLEANER (AI)

Date Issued: 06Jun1995

Supersedes: 04Oct1993

Drackett Professional A Division of S.C. Johnson Son, Inc. Phone: (800) 725-6737 Racine, Wisconsin 53403-5011 Emergency Phone: (800) 851-7145	HAZARD RATING ----- 4-Very High 3-High 2-Moderate 1-Slight 0-Insignificant	HMIS ----- 3 4 0	HAZARD ----- Health Flammability Reactivity Special	NFPA ----- 3 4 0
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## SECTION 1- PRODUCT IDENTIFICATION

PRODUCT NAME: OVEN GRILL & STAINLESS STEEL CLEANER (AEROSOL)  
 REASON FOR CHANGE: New.  
 PRODUCT USE: Industrial/Institutional: Cleaning product

## SECTION 2 - INGREDIENT INFORMATION

INGREDIENT -----	WEIGHT%	EXPOSURE LIMIT/TOXICITY -----
(SARA) Diethylene Glycol Butyl Ether (CAS# 112-34-5)	10-15	35 PPM TWA (SUPPLIER RECOMMENDED) LD50: 5,600 mg/kg (oral-rat) 4,000 mg/kg (dermal-rabbit)
[PA NJ MA] Sodium Hydroxide (CAS# 1310-73-2) ..	1-5	2 MG/M3 ACGIH/OSHA CEILING LD50: 140-340 mg/kg (oral-rat) LC50: >40 mg/m3 (inhalation rat) 1 hr.
[PA NJ MA] Monoethanolamine (CAS# 141-43-5) ...	1-5	3 PPM ACGIH/OSHA TWA , 6 PPM ACGIH/OSHA STEL LD50: 2,050 mg/kg (oral-rat)
Hydrated Magnesium Aluminum Silicate (CAS# 12199-37-0)	1-5	NOT ESTABLISHED
[PA NJ MA] Isobutane (CAS# 75-28-5)	1-5	NOT ESTABLISHED
[PA NJ MA] Butane (CAS# 106-97-8)	1-5	800 PPM ACGIH/OSHA TWA
Water (CAS# 7732-18-5)	60-90	NOT ESTABLISHED

## SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY: Eye contact. Skin contact. Ingestion.  
 EFFECTS OF ACUTE EXPOSURE:  
 EYE: Corrosive: May cause: Permanent eye damage.  
 SKIN: Corrosive: May cause: Chemical burns.  
 INHALATION: May cause: Irritation of the respiratory tract.  
 INGESTION: Corrosive to mouth and digestive tract.  
 MEDICAL CONDITIONS: None known.  
 GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE

## SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Flush immediately with plenty of water for at least 15 to 20 minutes. If irritation persists, get medical attention.  
 SKIN CONTACT: Immediately remove contaminated clothing, shoes & leather goods. Rinse with plenty of water. If irritation persists, get medical attention.  
 INHALATION: Remove to fresh air. If breathing is affected, get medical attention.  
 INGESTION: Rinse mouth immediately. Drink 1-2 glasses of water or milk. Do not induce vomiting! Seek immediate medical attention.

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**SECTION 5 - FIRE AND EXPLOSION INFORMATION**

FLASH POINT	< 20°F (< -7°C) (TCC) (propellant)
FLAMMABLE LIMITS	Not available.
AUTOIGNITION TEMPERATURE	Not available.
EXTINGUISHING MEDIA....	Foam. CO2. Dry chemical. Water fog. Alcohol foam.
SPECIAL FIREFIGHTING... PROCEDURES	Cool and use caution when approaching or handling fire-exposed containers. Fire fighters should wear self-contained breathing apparatus and protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Corrosive Material (See Sections 8 and 10). Aerosol product - Containers may rocket or explode in heat of fire.

**SECTION 6 - PREVENTIVE RELEASE MEASURES**

STEPS TO BE TAKEN IN... CASE MATERIAL IS RELEASED OR SPILLED	Eliminate all ignition sources. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.
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**SECTION 7 - HANDLING AND STORAGE**

PRECAUTIONARY INFORMATION	DANGER: CORROSIVE: May burn skin and damage eyes. Harmful or fatal if swallowed. Inhalation may cause irritation of the respiratory tract. Contains: sodium hydroxide. Avoid prolonged or repeated breathing of vapours. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Contents under pressure. Do not puncture or incinerate. Do not store at temperatures above 120 °F (50 °C). Keep out of reach of children.
OTHER HANDLING AND STORAGE CONDITIONS	Store in a cool, dry place with adequate ventilation.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION. VENTILATION	No special requirements under normal use conditions. General room ventilation adequate.
PROTECTIVE GLOVES	Long rubber gloves.
EYE PROTECTION	Chemical workers splash-proof goggles
OTHER PROTECTIVE MEASURES	If major exposure is possible to eyes/skin, wear/use appropriate protective equipment. Launder contaminated clothing/equipment before reuse.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

COLOR	Milky Off-white
PRODUCT STATE	Dispensed as a spray mist.
ODOR	Citrus
pH	13
ODOR THRESHOLD	Not available.
SOLUBILITY IN WATER....	Complete
SPECIFIC GRAVITY (H2O=1)	1.1
VAPOR DENSITY (AIR=1)..	> .1
EVAPORATION RATE (BUTYL ACETATE=1)	< 1
VAPOR PRESSURE (mm HG).	Not available.
BOILING POINT	212°F (100°C)
FREEZING POINT	32°F (0°C)
COEFFICIENT OF WATER/OIL	Not available.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued)**

PERCENT VOLATILE BY.... Not available.  
 VOLUME ( % )  
 VOLATILE ORGANIC Not available.  
 COMPOUND (VOC)  
 THEORETICAL VOC Not available.  
 (LB/GAL)

**----- SECTION 10 - STABILITY AND REACTIVITY**

STABILITY Stable  
 STABILITY - CONDITIONS. No special requirements.  
 TO AVOID  
 INCOMPATIBILITY Aluminum.  
 HAZARDOUS DECOMPOSITION Produces normal products of combustion.  
 PRODUCTS  
 HAZARDOUS Will not occur.  
 POLYMERIZATION  
 HAZARDOUS None known.  
 POLYMERIZATION -  
 CONDITIONS TO AVOID

**----- SECTION 11- TOXICOLOGY INFORMATION (Also See Section 3)**

LD50 (ACUTE ORAL TOX).. Acute oral LD50 **is** estimated to be between 500 and 5000 mg/kg  
 (rats).  
 LD50 (ACUTE DERMAL TOX) Not available.  
 LC50 (ACUTE INHALATION. Not available.  
 TOX)  
 EFFECTS OF CHRONIC None known.  
 EXPOSURE  
 SENSITIZATION None **known**.  
 CARCINOGENICITY None **known**.  
 REPRODUCTIVE TOXICITY.. None known.  
 TERATOGENICITY None known.  
 MUTAGENICITY None known.

**----- SECTION 12 - ECOLOGICAL INFORMATION -----**

ENVIRONMENTAL DATA Not available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL If possible, recycle empty aerosol can to nearest steel recycling  
 INFORMATION center. Use up package or give to someone who can.

**----- SECTION 14 - TRANSPORTATION INFORMATION**

US DOT INFORMATION Aerosols, 2.1 UN 1950 Ltd. Qty.  
 CANADIAN SHIPPING. NAME. AEROSOLS Limited Quantity  
 TDG CLASSIFICATION 8  
 PIN/NIP UN 1950  
 PACKING GROUP X  
 EXEMPTION NAME Limited Quantity

**SECTION 15 - REGULATORY INFORMATION**

WHMIS CLASSIFICATION... A; E

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**SECTION 15 - REGULATORY INFORMATION (continued)**

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

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65. These ingredients from Section 2 are subject to the following reporting requirements :

SARA - The Superfund Amendments and Reauthorization Act of 1986 Title III, Section 313 and 40 CFR Part 372

PA - The Pennsylvania Hazardous Substance List

NJ - The New Jersey Right to Know Hazardous Substance List

MA - The Massachusetts Hazardous Substance List

**SECTION 16 - OTHER INFORMATION**

ADDITIONAL INFORMATION. NFPA 30B Level 1 Aerosol. PG II Corrosive

EPA REGISTRATION # Not applicable.

**PREPARATION INFORMATION**

PREPARED BY Manufacturer's Technical Support Department. Refer to page 1  
(Manufacturer) for contact information.

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