

MATERIAL SAFETY DATA SHEET

Conforms to 29 CFR 1910, 1200 (OSHA HAZARD COMMUNICATIONS STANDARD)

ENVIRONMENTAL CHEMICAL CORP.
3074 Navarre Road SW
Canton, Ohio 44706

PRODUCT NAME: OVEN AND GRILL CLEANER

EMERGENCY TELEPHONE NUMBERS: ³³⁰(216) 453-5200 (800) 262-0458

SECTION I - PRODUCT IDENTIFICATION

Trade Names and Synonyms:

OVEN AND GRILL CLEANER

Chemical Name/Synonyms:

N/A

Chemical Family:

ALKALINE CLEANER

Formula: MIXTURE

NFPA HAZARD IDENTIFICATION SYSTEM

		HAZARD RATING
HEALTH	2	4 - Extreme
FLAMMABILITY	0	3 - High
REACTIVITY	0	2 - Moderate
		1 - Slight
		0 - Insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	Approx. %	OSHA PEL	ACGIH TLV	CARCINOGENICITY NPT IARC OSHA	CAS No.
2-Butoxyethanol	<5.00	50 ppm	50 ppm	N N N	111-76-2
Potassium Hydroxide	<10.00	10 ppm	10 ppm	N N N	1210-58-3

SECTION III - PHYSICAL DATA

Boiling Point (°F): 212

Vapor Pressure (mm Hg): NOT DET.

Vapor Density (air = 1): NOT DET.

Solubility in water: SOLUBLE

Appearance and Odor: CLEAR LIQUID, SLIGHT DETERGENT ODOR

Specific Gravity: 1.07

% Volatile (volume %): > 75.0

Evaporation Rate (ether = 1) > 1.0

pH: 13.5-14.0

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): NONE

(test method): CLOSED CUP

Extinguishing Media: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL

Special Fire Fighting Procedure: COOL DRUMS IN VICINITY OF FIRE WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazard: NONE

Flammable Limits in air (volume %)

Upper: N/A Lower: N/A

SECTION V - REACTIVITY DATA

Stability: STABLE

Conditions to Avoid: NONE

Incompatibility: ACIDIC MATERIAL

Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY YIELD OXIDES OF CARBON.

Hazardous Polymerization: WILL NOT OCCUR

Conditions to Avoid: NONE

PRODUCT NAME: OVEN AND SMOKEHOUSE CLEANER

DATE OF ISSUE: April 4, 1994

SECTION VI - HEALTH HAZARD DATA

Threshold Limit Value (TLV): NOT ESTABLISHED

Primary Route(s) of Exposure: EYE AND SKIN CONTACT, INGESTION, INHALATION

Effects of Overexposure: EYES: SEVERE IRRITATION, DESTRUCTION OF TISSUE, REDNESS, SWELLING AND TEARING. SKIN: SEVERE IRRITATION WITH PROLONGED OR REPEATED EXPOSURE, BURNS AND DERMATITIS. INGESTION: BURNS TO MUCOUS MEMBRANES, NAUSEA, CRAMPS, DIARRHEA. INHALATION: IRRITATION OF RESPIRATORY TRACTS.

Emergency and First Aid Procedures: EYES: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES OR WITH A 5% BORIC ACID SOLUTION. OBTAIN MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE. WASH WITH SOAP AND WATER. INGESTION: CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. GIVE PERSON SEVERAL GLASSES OF WATER FOLLOWED BY CITRUS FRUIT JUICE. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION: REMOVE PERSON TO FRESH WATER. CALL PHYSICIAN IMMEDIATELY.

SECTION VII - SPILL OR LEAK PROTECTION

Steps to be taken if Material is Released or Spilled: CONTAIN SPILL. SOAK UP ON ABSORBENT-MATERIAL OR FLUSH AWAY WITH LARGE AMOUNTS OF WATER.

Waste Disposal Method: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: USE WITH ADEQUATE VENTILATION. RESPIRATOR TO PREVENT THE INHALATION OF SPRAY MISTS.

Ventilation: Local Exhaust: RECOMMENDED

Mechanical: RECOMMENDED

Protective Gloves: IMPERVIOUS RUBBER GLOVES

Eye Protection: CHEMICAL GOGGLES

Other Protective Equipment: EMERGENCY SHOWER AND EYE WASH STATION

SECTION IX - SPECIAL PROTECTION

Precautions to be Taken in Handling or Storage: STORE IN A COOL, DRY PLACE. AWAY FROM ACIDS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER USE.

Other Precautions: KEEP OUT OF REACH OF CHILDREN

SECTION X - REGULATORY INFORMATION

DOT Proper Shipping Name: COMPOUND CLEANING LIQUID (CONTAIN POTASSIUM HYDROXIDE)

DOT Class: 8

DOT ID Number: NA1760

DOT Packaging Group: II

SARA/TITLE III - CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 304.4): This product does contain an ingredient(s) listed as a hazardous ingredient for Emergency Release Notification under section 304: Potassium Hydroxide (CAS No. 1310-58-3); 2-Butoxyethanol (CAS No. 111-76-2) [GLYCOL ETHERS].

SARA/TITLE III - List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 300 & 305): This product does not contain an ingredient(s) listed as an extremely hazardous substance (EHS) for Emergency Planning under sections 301-303 and for Emergency Release Notification under section 304.

SARA/TITLE III - List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372): This product does contain an ingredient(s) listed as a toxic chemical for Annual Release Reporting Requirements under section 313: 2-Butoxyethanol (CAS No. 111-76-2) [GLYCOL ETHERS].

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