

The ServiceMaster Company
One ServiceMaster Way
Downers Grove, IL 60515

MATERIAL SAFETY DATA SHEET
(Complies with 29 CFR 1910.1200)
Emergency Telephone Number (708) 964-1300

KitchenBrite Oven Cleaner

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SECTION I

Product (Trade) Name - KitchenBrite Oven Cleaner
Manufacturer's Name - The ServiceMaster Company
Address - One ServiceMaster Way - Downers Grove, IL 60515
Emergency Telephone No. - (708) 964-1300
Chemical Name and Synonyms - N/A
Chemical Formula - N/A
DOT Hazard Class: Corrosive Liquid (Sodium Hydroxide)
DOT ID Number: NA 1760

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	C.A.S. No.	Wt. by %	OSHA PEL	ACGIH TLV	Other Limit	Listed as Carcinogenic by IARC, NTP, OSHA, ACGIH
2-butoxyethanol	111-76-2	8-12	25 ppm (skin)	25 ppm (skin)	N/E	No
Nonylphenoxy poly (ethylene-oxy) ethanol	9016-45-9	3-6	N/E	N/E	N/E	No
Sodium hydroxide	1310-73-2	7-10	2 mg/m ³ C	2 mg/m ³ C*	N/E	No

"C" designation indicates ceiling limit.

In accordance with OSHA's Hazard Communication Standard, ingredients listed in this section are those identified as being hazardous and present at concentrations greater than 1%, or greater than 0.1% if the substance is a listed carcinogen. Information concerning ingredients identified as "Proprietary" will be made available as provided in 29 CFR 1910.1200(i).

SECTION III - PHYSICAL DATA

Boiling Point (°F): N/D
Vapor Pressure (mm hg.): N/D
Vapor Density (Air = 1): 1
Solubility in Water: Complete
Appearance and Odor: Clear amber liquid with odor of glycol ether.
pH of Concentrate: 13.6
Specific Gravity (H₂O = 1): 1.04
Percent Volatile By Weight: 86-88
Evaporation Rate: N/D
(water = 1)
ph of 1% Solution: 12.2

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag. Closed Tester): None
Flammable Limits (%): LEL N/A, UEL N/A

Extinguishing Media: Not combustible. Use media appropriate to materials actually involved in fire.
Special Fire Fighting Procedures: Self-contained breathing apparatus should be used when fighting fires involving chemicals.

Unusual Fire and Explosion Hazards: None known.

SECTION V - HEALTH HAZARD DATA

Primary Route(s) of Exposure: Skin and eye contact.
Threshold Limit Value: N/D for mixture. See Section II for TLV of hazardous ingredients.

Effects of Overexposure

- Acute
 - By Inhalation: Inhalation of mist can cause irritation to mucous membranes. Possible irritation or damage to upper respiratory tract.
 - By Eye Contact: Direct contact with eyes can cause severe irritation. May cause permanent damage.
 - By Skin Contact: Irritation can result from repeated or prolonged contact.
 - By Ingestion: Gastrointestinal irritation. Can cause damage to mucous membranes.

- Chronic: None known.

- Medical Conditions Generally Aggravated by Exposure: Some pre-existing skin and respiratory diseases.

SECTION V - HEALTH HAZARD DATA (Cont'd)

Emergency and First Aid Procedures

For Inhalation: Remove to fresh air. If irritation persists, get medical attention.
For Eye Contact: Flush with water for 15 minutes, lifting upper and lower lids occasionally to ensure flushing of entire eye surface. Get medical aid.
For Skin Contact: Immediately flush affected area with water for 15 minutes. If irritation persists, see a doctor.
For Ingestion: Do NOT induce vomiting. Drink large quantities of water. If available, drink several glasses of milk. Get medical attention.

SECTION VI - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Strong oxidizers and reducing agents, strong acids, aluminum, leather, wool and zinc.
Conditions to Avoid: None known.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled - Contain spilled materials, pick up using mop or other absorbent material (see Section VIII for required personal protective equipment). Rinse area with water. Residue may be flushed to sanitary sewer with large amounts of water.

Waste Disposal Method - Consign to licensed waste hauler for disposal as hazardous waste. Dispose of all waste in accordance with local, State, and Federal regulations.
Hazardous Waste Classification: D002 (corrosive).

SECTION VIII - SPECIAL PROTECTION INFORMATION

For Handling Product as Supplied

- Respiratory Protection - If misting occurs, use NIOSH-approved dust and mist respirator.
- Ventilation - Use in well-ventilated area or provide sufficient local exhaust to maintain exposure below TLVs (see Section II).
- Protective Gloves - NBR or rubber.
- Eye Protection - Chemical splash goggles.
- Other Protective Equipment - Apron or impervious clothing as needed to prevent skin contact.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Store separate from strong acids.

Other precautions: Avoid eye and skin contact. Wash thoroughly after using.

SECTION X - ADDITIONAL INFORMATION

SARA 313 Information: This product contains the following substances which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372:

Chemical Name	CAS Number	Concentration
Glycol Ether	111-76-2	< 12%
Sodium Hydroxide	1310-73-2	< 10%

Prepared By: James R. Keith
Title: Occupational Safety and Health Coordinator

Date of Preparation: January 17, 1994
Supersedes previous form dated April 19, 1988

N/A - Not Applicable

N/D - Not Determined

N/E Not Established