



Maintenance Solutions

# Grill Glo

## Oven & Grill Cleaner

### For Use On:

- |        |          |               |
|--------|----------|---------------|
| Ovens  | Fryers   | Stove Burners |
| Grills | Fry Pans | Accessories   |



### DESCRIPTION

A fast acting odorless cleaner for the removal of grease, oils, and carbons from ovens, grills, hoods, vents, deep fat fryers, griddles, etc. Designed to be sprayed or brushed on surface for rapid, easy cleaning. Works best on warm surfaces. Dissolves deposits quickly for easy removal by wiping or rinsing.

### DIRECTIONS

**FOR OVENS:** For best results, heat to approximately 200 degrees F., then turn off. Spray or brush full strength solution onto surface to be cleaned. Allow to soak for several minutes, then rinse with potable water using a cloth or sponge. Steel wool pads may be necessary for stubborn areas.

**FOR GRILLS:** Warm grill to approximately 150°F. Dilute concentrate with equal parts water and pour on surface to be cleaned. Agitate with a scraper or aggressive pad. Rinse with potable water using a sponge or cloth.

**FOR DEEP-FAT FRYERS:** Drain all grease from fryer and rinse with hot water. Fill fryer to within 4 inches from the top and add 4 to 6 ounces of cleaner for each gallon of water. Boil solution for 15 to 20 minutes. Drain dirty solution and rinse thoroughly with potable water and wipe dry.

This product meets the maximum content requirements for Volatile Organic Compounds (VOCs) as established by state and Federal regulations.

### PRODUCT SPECIFICATIONS

<b>Active Ingredients:</b>	15.0 ± 0.5%	<b>Emulsification:</b>	Excellent
<b>Color:</b>	Clear	<b>Detergency:</b>	Excellent
<b>Odor:</b>	Mild	<b>Rinsability:</b>	Complete with water
<b>pH:</b>	13.5 - 14.0	<b>Flash Point:</b>	None (waterbased)
<b>Viscosity:</b>	Water thin	<b>Biodegradability:</b>	Complete
<b>Foam:</b>	Low	<b>Storage/Stability:</b>	2 years
<b>Abrasives:</b>	None	<b>Weight per Gallon:</b>	8.80 lbs./gal.
<b>Phosphate Content:</b>	None	<b>Freeze / Thaw Stability:</b>	Keep from freezing
<b>Solubility:</b>	Complete with water		

Food Service Products

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

<b>Manufacturer's Name:</b> Misco Products Corporation	<b>Product Name:</b> Grill-Glo
<b>Manufacturer's Address:</b> 1048 Stinson Drive Reading, PA 19605	<b>Generic Name:</b> Oven & Grill Cleaner
<b>Manufacturer's Phone #:</b> (610) 926-4106	<b>Chemical Family:</b> Alkaline Detergent Blend
	<b>Formula:</b> Proprietary

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Potassium Hydroxide	1310-58-3	10 to 15	N/A	C2mg/M <sup>3</sup>	N/A
Nonionic Surfactant	2605-78-9	0 to 5			
2-Butoxyethanol	111-76-2	0 to 5	25 ppm	25 ppm	N/A

## SECTION 3-PHYSICAL DATA

<b>Boiling Point (°F):</b> 211 F.	<b>Specific Gravity:</b> 1.056
<b>Vapor Pressure:</b> 20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1
<b>% Volatile:</b> 80+	<b>pH:</b> 13.5-14.0
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> <1
<b>Physical Description:</b> Thin clear liquid with characteristic odor.	

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> N/A	<b>Lower Explosion Limit:</b> N/A
<b>Upper Explosion Limit:</b> N/A	
<b>Extinguishing Media:</b> N/A	
<b>Special Firefighting Procedures:</b> Non Flammable	
<b>Unusual Fire and Explosion Hazards:</b> N/A	

## SECTION 5-REACTIVITY DATA

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Alkaline vapors in a fire.	<b>Incompatibility (Materials to Avoid):</b> Strong acids.

## SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Corrosive. Avoid contact with eyes, skin and clothing. Wear rubber gloves and eye protection when handling. Avoid breathing of vapors or mists. Use in well-ventilated area.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**  
**Skin:** Severe skin irritant. May cause moderate reddening, swelling, and possible skin damage.  
**Eyes:** Severe eye irritant. Liquid and mists may damage eyes, causing corneal damage.  
**Inhalation:** Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.  
**Ingestion:** Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.  
**First Aid Procedures:**  
**Skin:** Flush with water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.  
**Inhalation:** Get to fresh air. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Use in well-ventilated area.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Chemical resistant rubber.  
**Eye Protection:** Safety glasses or chemical splash goggles.  
**Other Protective Equipment:** Eyewash should be nearby in case of contact. Protective outerwear should be worn when danger of splash may occur.

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of corrosivity as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

## SARA Title III - Section 311/312 -Hazard Categories:

No - Fire Hazard  
 No - Sudden Release of Pressure Hazard  
 No - Reactivity Hazard  
 Yes - Immediate (acute) Health Hazard  
 No - Delayed (chronic) Health Hazard

## Shipping Information:

FOR CONTAINERS > 1 Gallon: Compounds, cleaning liquid, (Potassium Hydroxide), 8, NA-1760, PG III  
 FOR 1 GALLON CONTAINERS: Compounds, cleaning liquid, (Potassium Hydroxide), 8, NA-1760, PG III (Limited Quantity)  
 FOR CONTAINERS < 1 GALLON : ORM-D

## HMIS Hazardous Materials Identification System

<b>Health</b>	<b>3</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>D</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product