



Specialty Product

## DESCRIPTION

**Grill-E-Great** is a ready-to-use, heavy-duty product formulated to clean ovens and grills quickly and effectively. It's ready to go to work, no mixing and no fuss, just apply directly onto the surface. **Grill-E-Great** is designed to penetrate greasy deposits quickly and speed up the cleaning process. You'll actually visually see it working within minutes of application. **Grill-E-Great's** new approach to cleaning will save you time and money by reducing the unpleasant labour associated with oven and grill cleaning.

**Grill-E-Great** also works great on stainless steel, cooking surfaces, canopies, deep fat fryers and cooking utensils.

## SPECIAL INFORMATION

**Grill-E-Great** is a Canadian Food Inspection Agency (CFIA) and approved product for use in registered food processing plants. Surfaces in direct food contact must be rinsed with potable water. For Industrial use only.

## DIRECTIONS

To get maximum results from **Grill-E-Great's** unique formulation, pre-heat the cooking surface to 180°F (82°C), then shut off heat before applying the product. Wear long rubber gloves and eye protection when using this product.

### **Commercial Ovens:**

Using a brush or coarse spray apply cleaner directly to the walls, racks, burners and glass. Let **Grill-E-Great** work for 5-15 minutes. Stubborn areas may require light agitation using a soft nylon scrubbing pad. Wipe clean with a wet cloth or sponge, rinsing frequently.

### **Grills:**

Apply liberally using a cloth, brush or coarse spray. Let **Grill-E-Great** work for 5-10 minutes. Wipe clean using a clean damp cloth. Rinse well with potable water. Wipe dry. Apply a thin coat of shortening to prevent surface from rusting.

## PHYSICAL DATA

Appearance	Clear liquid
Color	Purple
Foam	None
Odor	None
pH (3.1%)	13.0 - 14.0

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **GRILL-E-GREAT**

WHMIS CODE: E  
 Proper Shipping Name: POTASSIUM HYDROXIDE, SOLUTION  
 Hazard Class: Class 8, P.G. II  
 UN Number: UN1814 (Ltd. Qty.)

Product Use: *Oven & grill cleaner.*

HMIS	
3	Health
0	Flammability
0	Reactivity
C	Personal

A=Goggles, B=Goggles & Gloves  
 C=Goggles, Gloves and Apron

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ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
<b>POTASSIUM HYDROXIDE</b>	1310-58-3	20.0-30.0	N/A	2 mg/m3
LD50 (oral rat)	607 mg/kg			
LD50 (dermal)	N/A			
LC50	N/A			

## SECTION 3 – PHYSICAL DATA

**Color and Odor:** Clear purple, mild odor.      **Boiling Point:** N/D      **Vapor Pressure (mm HG):** N/D      **pH:** 13.0-14.0 @ 3.1% solution  
**Physical State:** Liquid.      **Melting Point:** N/A      **Vapor Density:** N/D      **Specific Gravity:** 1.236 @ 20°C  
**Coef. Water/Oil Dist:** Greater than 1.0      **Evaporation Rate:** N/D      **Solubility in Water:** Soluble      **Odor Threshold:** No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C (TCC)      **Sensitivity to Mechanical Impact:** None.      **Extinguishing Media:** Not flammable.  
**Flammable Limits:** None known.      **Sensitivity to Static Discharge:** None.      **Auto ignition Temperature:** None known.  
**Conditions of Flammability:** None.  
**Unusual Fire and Explosion Hazards:** Flammable hydrogen gas may liberate upon prolonged sensitive metals (i.e. aluminum, zinc, etc.) in confined areas.  
**Hazardous Combustion Products:** Decomposition may produce oxides of carbon and other unidentifiable organic compounds.  
**Special Fire Fighting:** Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.      **Hazardous Polymerization:** Will not Occur.  
**Incompatibility (material to avoid):** Strong acids.  
**Hazardous Decomposition Products:** Decomposition may produce oxides of carbon and other unidentifiable organic compounds.

## SECTION 6 – TOXICOLOGICAL DATA

**Exposure Limits:** See Section 2 under Hazardous Ingredient.      **Routes of Entry:** Skin, eyes, inhalation.  
**Irritancy of Product:** Corrosive to skin, eyes and respiratory system.      **Carcinogenicity:** None known.  
**Sensitization:** None known.      **Mutagenicity:** None known.  
**Name of Toxicological Synergistic Product:** None known.      **Reproductive Toxicity:** None known.  
**Teratogenicity:** None known.  
**Effects of Chronic Exposure:** Prolonged or repeated exposure may cause skin damage, or dermatitis, respiratory disorder or lung damage.  
**Effects of Acute Exposure:** Product exposure can cause severe burns or damage to skin and eyes. Inhalation of vapor or mist causes respiratory discomfort such as breathing difficulties, burning, coughing, etc.  
 Ingestion may cause gastrointestinal discomfort and abdominal burns.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** If handling of concentrated product, mist or spray is likely, use a NIOSH/MSHA approved dust/mist respirator.  
**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.  
**Protective Gloves:** Butyl rubber, nitrile, or neoprene gloves.  
**Eye Protection:** Chemical goggles, safety goggles or glasses.  
**Protective Clothing and Equipment:** Long sleeve coveralls. Eye wash recommended in the immediate work area.  
**Storage and Handling Procedures:** Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.  
**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.  
**Waste Disposal Method:** Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.  
**Special Shipping Information:** Store at temperatures below 30°C (86°F) and keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

**First Aid:**  
 If swallowed, give plenty of clean water or milk to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division      PHONE: 604-526-5655      LAST UPDATE: 07/04/11  
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE