

Supplied By:



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# Material Safety Data Sheet

**EMERGENCY PHONE:  
1-800-535-5053**

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

## Section 1: Product Identification

**Product Name:** LIFT OFF

**Product Number:** K701

**Product Use:** Alkaline Oven and Grill Cleaner

**DOT Shipping Name:** Compound Cleaning Liquid  
(Potassium Hydroxide) 8, NA 1760, PG III

2 Health	Hazard Rating	H.M.I.S  Abbreviation Key: N.A.-Not Applicable N.E.-Not Established N.D.-Not Determined
0 Fire	4=Extreme 3=High	
1 Reactivity	2=Moderate 1=Slight	
Maximum Personal Production	0=Insignificant	

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

## Section 2: Hazardous Ingredient Information

### Hazard Chemical Identity

	CAS No.	%	TLV	PEL	TOXIC	HAZARD
Potassium Hydroxide	1310-73-2	13.5	2.5mg/m <sup>3</sup>	2.5mg/m <sup>3</sup>	N.A.	Corrosive
Dipropylene Glycol	34590-94-8	8	600 ppm		N.A.	Irritant
Methyl Ether			M3			

Chemicals not subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372

## Section 3: Physical Data

**Color:** Orange

**Odor:** N.A.

**Physical State:** Liquid

**Solubility in Water:** Complete

**Boiling Point:** Above 212 F

**Specific Gravity:** 1.390

## Section 4: Fire and Explosion Hazard Data

**Flash Point:** N.A.

**Extinguishing Media:** N.A.

**Special Fire Fighting Procedures:** Although this product is not combustible, if a fire occurs in the near vicinity, good fire fighting practice dictates the use of SBA and other protective gear.

**Unusual Fire and Explosion Hazards:** If sock solution container breaks, the solution should be handled with care as it is corrosive.

## Section 5: Reactivity Data

**Chemical Stability:** Stable

**Conditions to Avoid:** Do not mix with acids.

**Incompatibility (Materials to avoid):** Reacts vigorously with strong acids.

**Hazardous Decomposition of By-Products:** N.A.

## Section 6: Toxicological Properties

**EFFECTS OF OVEREXPOSURE:** Corrosive. May cause severe burns or irritation. May cause irreversible damage to eyes in some cases.

**Carcinogenic Effects:** Product does not contain any materials listed as carcinogenic by ACGIH and OSHA

## Section 7: Preventative & Control Measures

**Respiratory Protection:** Generally not required for normal use. If mist level is high, use NIOSH-approved respirator.

**Ventilation:** Should be adequate to keep mist level below the TLV.

**Skin Protection:** Rubber or chemical resistant apron, if required by operation being performed

**Eye Protection:** Wear safety glasses, splashproof chemical goggles.

### STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR

**RELEASED:** Small spills can be diluted with large amounts of water and flushed to sanitary sewer. For large spills, dike and salvage and neutralize. Soda ash and lime are neutralizing agents.

**Waste Disposal:** If material can not be salvaged, a method of disposal is in a landfill in accordance with all local, state and federal regulations. Neutralized wastes can usually be disposed of in a landfill or by diluting with large amount of water and discharging to a sanitary sewer.

## Section 8: Emergency First Aid Procedures

### First Aid Notes to Physician:

**Eyes:** Immediately flush eyes with lots of running water for 15 minutes, lifting upper and lower eyelids. Get immediate medical attention.

**Skin:** Wash with water. If irritation is evident, obtain medical attention. Wash contaminated clothing before reuse.

**Inhalation:** Remove from exposure. If breathing is difficult, obtain medical attention.

**Ingestion:** Rinse mouth with water. Give 1 or 2 glasses of water. Do NOT induce vomiting. Get prompt medical attention. Do not give anything by mouth to unconscious or convulsing victim.

## Section 9: Special Precautions

**Precautions to be taken in handling and storing:** Wear protective equipment. Wash after handling. Keep container closed and sealed.

**Other Precautions:** Safety shower and eyewash stations should be provided in areas where product is handled.

## Section 10: Preparation Information

**Prepared By:** Regulatory Affairs Department

**Phone:** 812-336-4817

**Date of Preparation:** July, 2004

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

# Lift Off

## Technical Data Sheet



**Heavy  
Duty  
Institutional**

**Cleaner  
and  
Degreaser**

**Non  
Abrasive**

**Low  
Use  
Cost**

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### Product Description

**Lift Off** is a heavy duty oven and grill cleaner for kitchens and food service institutions. It combines the cleaning power of alkaline detergent builders with solvents and surfactants to be highly effective on heavy grease and baked-on food soils. Alkaline builders saponify fats and grease on grills, stove tops, hoods and counters. The special solvents and detergents in Lift Off penetrate even the toughest baked-on soil deposits in ovens. Detergent hold emulsified or saponified soils in solution so they can easily rinsed off or moped up.

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### Use Directions

Always wear rubber gloves when using Lift Off. Never spray on skin or towards eyes. For ovens, greasy grills, stove top hoods. Spray Lift Off on the surfaces full strength. Lift Off works best when applied to warm surfaces (100-150 F). Allow 5 minutes for detergent to penetrate soils deposits. Wipe off dissolved and loosened soil deposits with a damp cloth. Rinse with clear water. Do not spray on painted surfaces. Avoid contamination with food.

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### Areas of Use

Recommended only for use on porcelain, enamel, iron, stainless steel. **DO NOT USE ON ALUMINUM.**

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### Safety Precautions

Caution! Harmful if swallowed. Irritating to eyes. Keep out of the reach of children. Read label and MSDS for complete list of hazards and safety precautions.

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### Shipping Classification

Compound Cleaning Liquid (Potassium Hydroxide) 8, NA1760, PG III

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### Packaging

4 X 1 gallon

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### Properties

**FORM:** Clear, orange liquid  
**pH (1% SOLUTION):** 11.8  
**SPECIFIC GRAVITY:** 1.390  
**FOAM:** High  
**RINSABILITY:** Excellent  
**PRIMARY HAZARD** Corrosive  
**COMPOSITION:** Detergent builders, solvents and wetting agents.