

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.



Product Identity – Section I

Product Name: Oven & Grill Cleaner CAS #: See Below Manufacturer: Arcal Chemicals, Inc. Address: 223 Westhampton Avenue Capitol Heights, MD 20743	Emergency Tele: (800) 424-9300 Tel: (301) 336-9300 Fax: (301) 336-6597 www.arcalchem.com
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HAZARDOUS INGREDIENTS / OTHER COMPONENTS – SECTION II

MATERIAL / CAS #	ACGIH (TLV – TWA)	OSHA (PEL -TWA)
Potassium Hydroxide CAS #1310-58-3	2 mg/m ³	2 mg/m ³
Glycol Ether CAS # 111-76-2	50 PPM	50 PPM

PHYSICAL DATA – SECTION III

APPEARANCE : Light solution	ODOR: Mild	MELT POINT: N/A	SPECIFIC GRAVITY: 1.05
VAPOR DENSITY: N/A	% VOLATILE BY VOLUME: N/A	BULK DENSITY: N/A	BOILING POINT: 212°F
VAPOR PRESSURE: N/A	% SOLUBILITY (H2O): Complete		

FIRE AND EXPLOSION HAZARD DATA – SECTION IV

FLASH POINT: None	<table border="1"> <thead> <tr> <th colspan="2">NFPA FIRE HAZARDS</th> </tr> </thead> <tbody> <tr> <td>HEALTH</td> <td style="text-align: center;">3</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>SPECIFIC</td> <td></td> </tr> </tbody> </table>	NFPA FIRE HAZARDS		HEALTH	3	FLAMMABILITY	1	REACTIVITY	0	SPECIFIC	
NFPA FIRE HAZARDS											
HEALTH		3									
FLAMMABILITY		1									
REACTIVITY	0										
SPECIFIC											
FLAMMABLE LIMITS LEL: N/A UEL: N/A											
EXTINGUISHING MEDIA: Water, dry chemical, foam											
SPECIAL FIRE FIGHTING PROCEDURES: None											
UNUSUAL FIRE AND EXPLOSION HAZARDS: None DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: CO with incomplete combustion EMPTY CONTAINER WARNING: Rinse empty container with water used for dilution. Drain and rinse again.	4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = INSIGNIFICANT										

REACTIVITY DATA – SECTION V

Uni-Clean 88

Stability: Stable & polymerization will not occur **CONDITIONS TO AVOID:** None known

INCOMPATIBILITY (MATERIAL TO AVOID): Mineral Acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO with incomplete combustion

HAZARDOUS POLYMERIZATION: Will not occur **CONDITIONS TO AVOID:** None known

HEALTH HAZARD DATA – SECTION VI

Route(s) of Entry: **Inhalation?** Yes **Skin?** Yes **Ingestion?** Yes

Health Hazards (Acute and Chronic): Irritation of skin and eyes. Defatting of skin.

CARCINOGENICITY: None **NTP?** N/A **IARC Monographs?** N/A **OSHA?** N/A

MEDICAL CONDITIONS

GENERALLY AGGRAVATED by EXPOSURE: Skin and eye irritation, skin changes.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If splashed into eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT: In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

INHALATION: If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen if available.

INGESTION: If ingested, DO NOT induce vomiting; call a physician immediately.

PRECAUTIONS FOR SAFE HANDLING AND USE – SECTION VII

Steps to be taken in case material is released or spilled: Remove all sources of flame and heat. Collect on absorbent material. Flush area with water.

Waste Disposal Method: Recover solvents by distillation and dispose in accordance with federal, state and local regulations.

Precautions to be taken in handling and storing: Store in cool, dry place. Avoid prolonged contact and inhalation of vapors. Keep away from sources of heat, sparks or flames. Keep containers closed when not in use.

CONTROL MEASURES – SECTION VIII

Respiratory or breathing apparatus: Use supplied-air respiratory protection in confined or enclosed spaces.

Ventilation: Yes **Local Exhaust:** **Special:**
Mechanical: **Other:**

Protective Gloves: Chemical resistant **Eye Protection:** Face shield or goggles

Other Protective Clothing or Equipment: Chemical resistant apron, boots and other protective gear.

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Potassium Hydroxide Solution **HAZARDOUS CLASS:** 8, Corrosive **ID NUMBER:** UN1814 **PG:** II