



**Section 1 – Product & Company Identification**

Product Name: **Kuts for Stoves, Ovens, and Hoods**  
 Product ID Number: 135  
 Product Use: Equipment Cleaner  
 EPA Reg. Number: N/A  
 Manufacturer: Arrow Chemical Products, Inc.  
 2067 Ste. Anne  
 Detroit, MI 48216  
 Telephone: 313-237-0277  
 Numbers: 24 hr. Emergency Assistance: Infotrac 1-800-535-5053

**Section 2 – Composition/Information on Ingredients**

INGREDIENT	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
2-Butoxyethanol	111-76-2	5% - 10%	PEL 50 TLV: 20	
Potassium Hydroxide	1310-58-3	0% - 10%	PEL/TLV: 2 mg/m <sup>3</sup> ceiling	
Sodium Metasilicate	6834-92-0	5% -10%		
Ethalenediaminetetraacetic Acid	Mixture	0% - 5%		
Sodium Xylene Sulfonate	1300-72-7	0% - 5%		

**Section 3 – Hazards Identification**

**Emergency Overview:**

**Potential Health Effects:**

Acute: Harmful if swallowed. Vapors may be irritation to nose, throat, and lungs. Do not get in eyes, on skin or on clothing.  
 Chronic: None known.  
 Carcinogenic Effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

**Section 4 – First Aid Measures**

Eyes: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.  
 Skin/Clothing: Remove contaminated clothing. Wash skin with soap and water. If irritation occurs seek medical attention.  
 Inhalation: Move person to fresh air. If irritation occurs, call a physician.  
 Ingestion: Do **NOT** induce vomiting. Drink a large quantity of water. Get immediate medical attention.  
 Note to Physician:

**Section 5 – Fire Fighting Measures**

Hazardous Combustion Products: None known.  
 Extinguishing Media: Water or suitable material for primary source of fire.  
 Fire Fighting Equipment & Instructions: None.  
 Remarks on Explosion Hazard: None known.

**Section 6 – Accidental Release Measures**

**Spill and Leak Procedures**

Small Spills: N/A  
 Large Spills: Absorb spilled material and sweep up.  
 Personal Protection for Large Spills: Rubber gloves or other impervious gloves. Chemical anti-splash safety goggles. Good ventilation should be sufficient for most conditions.

**Section 7 – Handling & Storage**

Handling Procedures: Precautions for Safe handling and use –Keep container closed when not in use.  
 Storage Procedures: KEEP OUT OF REACH OF CHILDREN. Store in a cool dry place. For industrial and commercial use only.  
 Incompatibility: Materials to avoid: Strong acids.

**Section 8 – Exposure Controls/Personal Protection**

Engineering Controls: Good general ventilation should be sufficient for most conditions.

**Personal Protective Equipment:**

Eyes/Face: Chemical anti-splash safety goggles.  
 Skin: Rubber gloves or other impervious gloves.  
 Respiratory: Room ventilation is expected to be satisfactory where this product is used  
 The following ingredients have established exposure guidelines:

INGREDIENT:	EXPOSURE GUIDELINE	GUIDELINE VALUE
2-Butoxyethanol	OSHA – Skin / ACGIH - Skin	50 ppm / 20 ppm
Potassium Hydroxide	PEL/TLV	2 mg/m <sup>3</sup> ceiling

All TWAs are for an 8-hour period and all STELs are for 15 minutes unless specifically noted as being for another time period.

**Section 9 – Physical & Chemical Properties**

Flash Point: N/A  
 Specific Gravity: 1.032  
 Boiling Point: No Data  
 Melting/Freezing Point: N/A  
 VOC Content: N/A  
 Evaporation Rate (Water = 1): 1  
 pH: 11.0 – 12.0  
 Solubility: Complete  
 Flammable Limits: N/A  
 Explosion Hazards: None known

Appearance and Odor: Amber Liquid, Characteristic Odor



### Section 10: Stability & Reactivity

Chemical Stability: Stable  
Incompatibilities: Strong acids.  
Hazardous Decomposition: None known

### Section 11 – Toxicological Information

Routes of Entry: Eyes, skin, ingestion, inhalation  
Carcinogenicity: No Carcinogenicity data available for this product.  
Toxicity to Animals:  
Acute Oral LD50: 2-Butoxyethanol (CAS# 111-76-2): 1230 mg/kg (Mouse).  
Acute Dermal LD50: 470 MG/KG [Rat].  
Acute Effects on Humans: Harmful if swallowed. May cause eye and skin irritation. Vapors may be irritation to the nose, throat, and lungs.  
Chronic Effects: None known  
Special Remarks on Toxicity:

#### CHEMICAL INGREDIENTS LISTED AS POTENTIAL OR KNOWN CARCINOGENS

INGREDIENT: OSHA NTP IARC  
No ingredients listed in this section.

### Section 12 – Ecological Information

Ecotoxicity:  
Environmental Fate:

### Section 13 – Disposal Considerations

**Disposal Instructions:** Any method in accordance with federal, state and local environmental control regulations.

### Section 14 – Transportation Information

**DOT Hazard Class:**  
**DOT Proper Shipping Name:**  
**TDG Classification:** Not controlled under TDG (Canada).

### Section 15 – Regulatory Information

**TSCA Status**  
All ingredients are listed on the TSCA Chemical Inventory.  
**DSL/NDL:** All components listed unless noted elsewhere on this MSDS.  
**CERCLA/SARA**

**SARA Title III, Sections 311/312** – This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370: Classification of this product:

**SARA Title 313** – This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

CHEMICAL NAME	CAS NO.	MAXIMUM CONCENTRATION	COMMENT
2-Butoxyethanol	111-76-2	99.9%	
Potassium Hydroxide	1310-58-3		

**Reportable Quantities/Threshold Planning Quantities:** CERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs). SARA 302/304 requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and/or release of Reportable Quantities.

CHEMICAL NAME	REPORTABLE QUANTITY (RQ)	THRESHOLD PLANNING QUANTITY (TPQ)
2-Butoxyethanol		
Potassium Hydroxide	1,000 Lbs.	

**State & Provincial Right to Know & Selected Regulatory Lists**  
The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

CHEMICAL NAME	STATE LIST
2-Butoxyethanol (CAS 111-76-2)	IL – Illinois Toxic Air Contaminant – Carcinogenic MA – Massachusetts Right to Know List CA – California Director's List of Hazardous Substances NJ – New Jersey Right to Know List PA – Pennsylvania Right to Know List FL – Florida Substances List RI – Rhode Island Hazardous Substance List

**WHMIS Classification:** Not controlled under WHMIS (Canada).

### Section 16 – Other Information

**Hazard Ratings**  
Hazard Rating Scale:

Hazard Rating Scale:  
4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>

Information Contact: Arrow Chemical Products, Inc., 2067 Ste. Anne, Detroit, MI 48216

The seller makes no warranty expressed or implied concerning the accuracy of any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.