# Material Safety Data Sheet

# 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	$LC_{50}/LD_{50}$
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%		

Date: 3-29-10

#### 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/m³ 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



#### 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: 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/NDSL:** 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: COMMENT

CHEMICAL NAME CAS NO. MAXIMUM CONCENTRATION

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 = High2 = Moderate

1 = Slight0 = Insignificant

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

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.