

# SAFETY DATA SHEET

## SECTION 1 MATERIAL NAME / IDENTIFIER

**Product Name:** Glass Cleaner & Conditioner **WHMIS:** D2A, D2B  
**Product Codes:** KK0315, KK0315-B

**Manufacturer's Name:** Kel Kem Ltd.  
**Street Address:** 1333 Cornwall Road  
**City:** Oakville, Ontario, Canada  
**Postal Code:** L6J 7T5

**Emergency Telephone:** Canutec (613) 996-6666 (Collect – 24 hours)

**Chemical Name:** Not applicable  
**Chemical Family:** Not applicable  
**Chemical Formula:** Proprietary Blend  
**Trade Name & Synonyms:** Not applicable  
**Molecular Weight:** Not applicable  
**Material Use:** Fireplace Glass Cleaner

## SECTION 2 HAZARDS IDENTIFICATION

**GHS classification:** H316, Skin corrosion/irritation, Category 3  
H372, Specific target organ toxicity, repeated exposure, Category 1

**Symbol:**



**Signal Word:** Danger

**Hazard statements:** Causes mild skin irritation. Repeated exposure may cause skin dryness or cracking (EUH066). Causes damage to the lungs through prolonged or repeated exposure.

**Precautionary statements:** P260: Do not breathe dust.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P314: Get medical attention if you feel unwell.  
P332+P313: If skin irritation occurs, seek medical attention.  
P501: Dispose of contents in a fireproof container in accordance with federal, provincial and local regulations.

# SAFETY DATA SHEET

## SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS#	% Concentration
Sodium Laureth Sulfate	9004-82-4	1 - 5
Ethanol	64-17-5	0.5 – 1.5
Alcohol Ethoxylate	68131-39-5	0.1 – 1.0
Sodium Sulfate	7757-82-6	0.1 – 1.0
Silica (Diatomaceous Earth)	68855-54-9	10 - 30
May contain up to 72.5% Crystalline Silica		
Cristobalite	CAS# 14464-46-1	
Quartz	CAS# 14808-60-7	

## SECTION 4 FIRST AID MEASURES

<b>Inhalation:</b>	If breathing is difficult, remove to fresh air and seek medical attention.
<b>Skin Contact:</b>	Wash thoroughly with soap and water.
<b>Eye Contact:</b>	Flush eyes with copious amounts of water for 15 minutes. Seek immediate medical attention.
<b>Ingestion:</b>	Drink 2 or 3 glasses of water. Do not induce vomiting. Contact a physician.

## SECTION 5 FIRE – FIGHTING MEASURES

<b>Hazardous Combustion Products:</b>	CO, CO2 and oxides of nitrogen and sulphur
<b>Unusual Fire or Explosion Hazards:</b>	None
<b>Sensitivity to Mechanical Impact:</b>	None
<b>Rate of Burning:</b>	Not applicable
<b>Explosive Power:</b>	Not applicable
<b>Sensitivity to Static Discharge:</b>	None
<b>Fire Extinguishing Media:</b>	Water spray, CO2, and dry chemical
<b>Instructions to the Fire Fighters:</b>	See below.
<b>Fire Fighting Protective Equipment:</b>	Wear a self-contained breathing apparatus.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>Leak And Spill Procedure:</b>	Absorb with synthetic or natural absorbent and dispose.
----------------------------------	---

**Imperial Gas Cleaner & Conditioner**

# SAFETY DATA SHEET

## SECTION 7

## HANDLING AND STORAGE

### HANDLING

**Handling Practices:** Wear gloves and safety glasses when handling. Keep containers closed when not in use.

**Ventilation Requirements:** Use in a well ventilated area.

### STORAGE

**Ventilation Requirements:** None

**Storage Requirements:** Store in a cool, dry area.

## SECTION 8

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS

**Engineering Controls:** Use in a well ventilated area.

### PERSONAL PROTECTIVE EQUIPMENT

**Skin (Specify):** Nitrile or rubber gloves, if skin contact is likely.

**Eye (Specify):** Safety glasses or goggles, if eye contact is likely.

**Respiratory (Specify):** None

**Other (Specify):** If long-term inhalation of product dusts are encountered wear an approved dust cartridge on the air-purifying respirator. Eye wash and shower stations are close to work area.

## SECTION 9

## PHYSICAL DATA FOR MATERIAL

**Physical State:** Gas                      Liquid X                      Paste

**Odour & Appearance:** Opaque blue viscous liquid.

**Odour Threshold (ppm):** Not available

**Flammability:**                      Yes                      No X

**If Yes, Under Which Conditions?:**

**Auto Ignition Temperature (Celsius):** Not available

**Upper Explosion Limit (% By Volume):** None

**Lower Explosion Limit (% By Volume):** None

**Decomposition Temp (°C)** Not available

**Specific Gravity:** 1.050 – 1.110 g/ml

**Viscosity:** 3500 – 7500 cps

**Vapour Pressure (mm):** Not applicable

**Vapour Density (Air-1):** Not applicable

**Imperial Gas Cleaner & Conditioner**

# SAFETY DATA SHEET

Flashpoint (°C)	None
Evaporation Rate	Not available
Boiling Point (°C):	100°C
Freezing Point (°C):	0°C
Solubility In Water (20°C):	Partially dispersible
% Volatile (By Weight)	77%
PH:	9.7
Coefficient Of Water/Oil Distribution:	Not available

## SECTION 10 STABILITY AND REACTIVITY

Chemical Stability:	Yes	<input checked="" type="checkbox"/>	No
If No, Under Which Conditions?:			
Incompatibility To Other Substances:	Yes	<input checked="" type="checkbox"/>	No
If So, Which Ones:	Strong oxidizers.		
Conditions to Avoid:	None under normal conditions.		
Hazardous Decomposition Products:	Burning may produce hydrocarbon smoke, CO, CO <sub>2</sub> and oxides of nitrogen and sulphur.		

## SECTION 11 TOXICOLOGICAL INFORMATION

### ACUTE HEALTH EFFECTS

Inhalation:	None under normal use.
Skin Contact:	Mild irritant.
Eye Contact:	Mild irritant.
Ingestion:	Not expected.

**CHRONIC HEALTH EFFECTS:** May cause defatting and drying of the skin. This product contains micro crystalline silica which is a known carcinogen. Long-term inhalation of product dusts may cause silicosis.

**Other Health Effects:** Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

**LD 50 of Material (Specify Species and Routes):** Sodium Laureth Sulfate: 1600mg/kg, Oral (Rat)  
Ethanol: 7060mg/kg, Oral (Rat)  
Alcohol Ethoxylate: 2000mg/kg, Oral (Rat), 2300mg/kg, Dermal (Rabbit)  
Sodium Sulfate: >10000mg/kg, Oral (Rat)  
Silica: Not available

**Imperial Gas Cleaner & Conditioner**

# SAFETY DATA SHEET

**LC 50 of Material (Specify Species and Routes):** Sodium Laureth Sulfate: Not available

Ethanol: 124.7mg/L, 4hr, Inhalation (Rat)

Alcohol Ethoxylate: Not available

Sodium Sulfate: Not available

Silica: Not available.

**Exposure (Limits):** Sodium Laureth Sulfate: Not available

Ethanol: ACGIH: 1000ppm STEL, OSHA: 1000ppm TWA, 1900mg/m<sup>3</sup> TWA.

Alcohol Ethoxylate: Not available

Sodium Sulfate: Not available

Silica: Cristobalite; ACGIH: TWA – 0.025mg/m<sup>3</sup>, respirable

Quartz; ACGIH: TWA – 0.025mg/m<sup>3</sup>, respirable

**Irritancy of Material:** Mild skin and eye irritant.

**Sensitization of Material:** None known

**Synergistic Materials:** None known

**Carcinogenicity, Mutagenicity, Reproductive Effects, Teratogenicity:** This product is not a mutagen, teratogen or have other reproductive effects. The product does contain micro crystalline silica which is a known carcinogen by inhalation. Therefore, avoid long-term inhalation of dried product residues.

## SECTION 12 ECOLOGICAL INFORMATION

**Ecotoxicity** Not available.

### Environmental Fate

**Biodegradability:** Not available.

**Bioaccumulative Potential:** Not available.

**Mobility In Soil:** Not available.

## SECTION 13 DISPOSAL CONSIDERATIONS

**Waste Disposal:** Dispose absorbed material in accordance with federal, provincial and local regulations.

**Safe Handling of Residues:** Wash residues with warm soapy water.

**Disposal of Packaging:** Dispose of containers in accordance with federal, provincial and local regulations.

# SAFETY DATA SHEET

## SECTION 14 TRANSPORTATION INFORMATION

**CANADIAN TDG ACT SHIPPING DESCRIPTION:** Not Regulated

**Proper shipping name:** Not applicable

**Class:** Not applicable

**Packing group:** Not applicable

**UN:** Not applicable

**US DOT CLASSIFICATION (49CFR 172.101, 172.102):** Not Regulated

**Proper shipping name:** Not applicable

**Class:** Not applicable

**Packing group:** Not applicable

**UN:** Not applicable

## SECTION 15 REGULATORY INFORMATION

**CANADA** All components are listed on the DSL or exempt.

**WHMIS:** D2A, D2B

**USA** All components are listed on the TSCA or exempt.

**INTERNATIONAL** Not available

## SECTION 16 OTHER INFORMATION

**Prepared By (Group, Department, Etc.):** Kel Kem Ltd. **Telephone:** (905) 829-5888

**Preparation Date:** January 1, 1996

**Date Revised:** November 3, 2015

**Additional Notes Or References:**

While Kel Kem Ltd. believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Kel Kem Ltd. assumes legal responsibility. They are offered solely for your consideration and verification. Any use of this data and information must be determined by the user to be in accordance with applicable Federal, Provincial/State and local laws and regulations.