

# SAFETY DATA SHEET

## SECTION 1

## MATERIAL NAME / IDENTIFIER

**Product Name:** Gas Fireplace Glass Cleaner  
**Product Code:** KK0044 (Imperial brand).

**WHMIS:** B3, D2A, D2B

**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

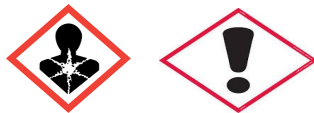
## SECTION 2

## HAZARDS IDENTIFICATION

**GHS classification:**

- H227, Flammable Liquids, Category 4
- H316, Skin corrosion/irritation, Category 3
- H317, Sensitisation, skin Category 1
- H336, Specific target organ toxicity, single exposure; Narcotic effects, Category 3
- H372, Specific target organ toxicity, repeated exposure, Category 1

**Symbol:**



**Signal Word:** Danger

**Hazard statements:** Combustible liquid. Causes mild skin irritation. Repeated exposure may cause skin dryness or cracking (EUH066). May cause an allergic skin reaction. May cause drowsiness or dizziness. 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.
- P272: Contaminated work clothing should not be allowed out of the workplace.

**Imperial Gas Fireplace Glass Cleaner**

# SAFETY DATA SHEET

P285: In case of inadequate ventilation wear respiratory protection.

P302+P352: If on skin, wash with plenty of soap and water.

P304+P340: If inhaled, remove victim to fresh air and keep at rest in a position  
Comfortable for breathing.

P314: Get medical attention if you feel unwell.

P321: Specific treatment (see...on this label).

P332+P313: If skin irritation occurs, seek medical attention.

P363: Wash contaminated clothing before reuse.

P403+P233: Store in a dry place. Keep container tightly closed.

P405: Store locked up.

P501: Dispose of contents in a fireproof container in accordance with federal,  
provincial and local regulations.

## SECTION 3

## COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS#	% Concentration
Stoddard Solvent	8052-41-3	10 - 30
Morpholine	110-91-8	1 - 5
Monoisopropanolamine	78-96-6	1 - 5
Isopropyl Alcohol	67-63-0	1 - 5
Silica (Diatomaceous Earth)	68855-54-9	7 - 13
May contain up to 72.5% Crystalline Silica		
Cristobalite	CAS# 14464-46-1	
Quartz	CAS# 14808-60-7	

## SECTION 4

## FIRST AID MEASURES

**Inhalation:** If breathing is difficult, remove to fresh air and seek medical attention.

**Skin Contact:** Wash thoroughly with soap and water.

**Eye Contact:** Flush eyes with copious amounts of water for 15 minutes. Seek immediate medical attention.

**Ingestion:** Drink 2 or 3 glasses of water. Do not induce vomiting. Contact a physician.

**Note to Physician:** The main hazard following accidental ingestion is aspiration of the liquid into the lungs, producing chemical pneumonitis. Cardiac arrhythmias have been reported with solvent exposure. If more than 2 ml/kg has been ingested, vomiting should be induced with supervision. If symptoms such as loss of

# SAFETY DATA SHEET

gag reflex, convulsions or unconsciousness occur before vomiting. Gastric lavage with a cuffed endotracheal tube should be considered. This product contains material that may cause severe pneumonitis if aspirated. If ingestion has occurred less than 2 hours earlier, carry out careful gastric lavage using endotracheal cuff to prevent aspiration. Observe patient for respiratory difficulty for aspiration pneumonitis. Administer artificial resuscitation and appropriate chemotherapy if respiration is depressed.

## SECTION 5 FIRE – FIGHTING MEASURES

<b>Hazardous Combustion Products:</b>	CO, CO <sub>2</sub> and oxides of nitrogen
<b>Unusual Fire or Explosion Hazards:</b>	Source of ignition
<b>Sensitivity to Mechanical Impact:</b>	None
<b>Rate of Burning:</b>	Not available
<b>Explosive Power:</b>	Not available
<b>Sensitivity to Static Discharge:</b>	Yes, if solvent vapours are present.
<b>Fire Extinguishing Media:</b>	Water spray, CO <sub>2</sub> , 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>	Remove all sources of ignition. Absorb with synthetic or natural absorbent and dispose in a fireproof container.
----------------------------------	--

## SECTION 7 HANDLING AND STORAGE

### HANDLING

<b>Handling Practices:</b>	Eliminate all sources of ignition. Wear gloves and safety glasses when handling. Keep containers closed when not in use.
<b>Ventilation Requirements:</b>	Use in a well ventilated area.

### STORAGE

<b>Ventilation Requirements:</b>	None
<b>Storage Requirements:</b>	Store in a cool, dry area. Keep away from open flames and other sources of Ignition. Do not freeze.

# SAFETY DATA SHEET

## 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):** Wear organic vapour mask if prolonged use in a non-ventilated area is unavoidable.

**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 beige viscous liquid.

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

**Flammability:** Yes X No

**If Yes, Under Which Conditions?:** Source of ignition.

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

**Upper Explosion Limit (% By Volume):** 5.0 (Stoddard Solvent)

**Lower Explosion Limit (% By Volume):** 1.0 (Stoddard Solvent)

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

**Specific Gravity:** 1.001 – 10.020 g/ml

**Viscosity:** 3500 – 7500 cps

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

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

**Flashpoint (°C)** 43°C TTC

**Evaporation Rate** Not available

**Boiling Point (°C):** Not available

**Freezing Point (°C):** Below 0°C

**Solubility In Water (20°C):** partially dispersible

**% Volatile (By Weight)** 79%

**PH:** 10.0 – 11.5

**Imperial Gas Fireplace Glass Cleaner**

# SAFETY DATA SHEET

Coefficient Of Water/Oil Distribution: Not available

## SECTION 10 STABILITY AND REACTIVITY

**Chemical Stability:** Yes ☒ No

**If No, Under Which Conditions?:**

**Incompatibility To Other Substances:** Yes ☒ 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.

## SECTION 11 TOXICOLOGICAL INFORMATION

### ACUTE HEALTH EFFECTS

**Inhalation:** Exposure to high vapour concentration can cause headache, dizziness and vomiting.  
The liquid when aspirated into the lungs, can cause severe inflammation of the lungs.

**Skin Contact:** Mild irritant.

**Eye Contact:** Vapours are mildly irritating to the eyes.

**Ingestion:** Burning sensation of the mouth and throat.

**CHRONIC HEALTH EFFECTS:** May cause defatting and drying of the skin. Prolonged skin contact may cause dermatitis.  
Prolonged inhalation of vapours may cause Central Nervous System depression. 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):** Stoddard Solvent: 5g/kg, Oral (Rat), >3g/kg, Dermal (Rabbit)  
Morpholine: 1050mg/kg, Oral (Rat), 310mg/kg, Dermal (Rabbit)  
Monoisopropanolamine: 1715mg/kg, Oral (Rat)  
Isopropyl Alcohol: 5045mg/kg, Oral (Rat), 6.29g/kg, Dermal (Rabbit)  
Silica: Not available

**LC 50 of Material (Specify Species and Routes):** Stoddard Solvent: >5500mg/m<sup>3</sup>, 4hr, Inhalation (Rat)  
Morpholine: Not available  
Monoisopropanolamine: Not available  
Isopropyl Alcohol: 16970ppm, 4hr, Inhalation (Rat)  
Silica: Not available.

**Imperial Gas Fireplace Glass Cleaner**

# SAFETY DATA SHEET

**Exposure (Limits):** Stoddard Solvent: ACGIH: 100ppm TLV-TWA, OSHA: 100ppm TWA, 525mg/m<sup>3</sup> TWA.  
Morpholine: ACGIH: 20ppm TLV-TWA, OSHA: 20ppm TWA, 70mg/m<sup>3</sup> TWA.  
Monoisopropanolamine: Not available  
Isopropyl Alcohol: ACGIH: 200ppm TWA, OSHA: 400ppm TWA, 980mg/m<sup>3</sup> TWA.  
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:** May cause skin sensitization or other allergic responses.

**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 a fireproof container 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.

## SECTION 14 TRANSPORTATION INFORMATION

**CANADIAN TDG ACT SHIPPING DESCRIPTION:** Limited Quantity

**Proper shipping name:** Not applicable

**Class:** Not applicable

**Packing group:** Not applicable

**Imperial Gas Fireplace Glass Cleaner**

# SAFETY DATA SHEET

**UN:** Not applicable

**US DOT CLASSIFICATION (49CFR 172.101, 172.102):** Limited Quantity

**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:** B3, 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 2, 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.