

# SAFETY DATA SHEET



Date Prepared : 01/01/2020  
 SDS No. : KELSEAL XG  
 Date Revised : 01/01/2025  
 Revision No : 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** KELSEAL XG  
**PRODUCT CODE:** KELSEAL XG

### MANUFACTURER

IGS INDUSTRIES INC.  
 200 COUNTRY CLUB RD.  
 PO BOX 368  
 MEADOW LANDS, PA 15347  
**Emergency Phone:** 1-724-222-5800  
**Customer Service:** 1-724-222-5800  
**E-Mail:** SEALANT.DEPT@IGSIND.COM

### 24 HR. EMERGENCY TELEPHONE NUMBERS

1-724-222-5800

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Carcinogenicity, Category 1A  
 Acute Toxicity (Oral), Category 4  
 Eye Irritation, Category 2  
 Target Organ Toxicity (Single exposure) (Central Nervous System (CNS), kidneys), Category 2  
 Target Organ Toxicity (Repeated exposure) (CNS, kidneys, and liver), Category 2  
 Target organ toxicity (lungs through cutting or tearing from inhalation), Category 2

### GHS LABEL

This material is skin and eye irritant. Respirable crystalline silica and RCF may be present at the end of the product lifecycle and may cause cancer (inhalation).



Health  
hazard



IRRITANT

**SIGNAL WORD:** DANGER

### HAZARD STATEMENTS

0462B6PD: May cause lung cancer (inhalation).  
 H302: Harmful if swallowed.  
 H373: May cause damage to organs (Central Nervous System (CNS), kidneys, liver) through prolonged or repeated exposure.  
 H315 + H320: Causes skin and eye irritation.

### Precautionary statement(s)

**Prevention:**

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P270: Do not eat, drink or smoke when using this product.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P264: Wash thoroughly after handling.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Aluminum Oxide	35-60%	1344-28-1
Kaolinite	3-8%	1318-74-7
Silica, Crystalline	1-3%	14808-60-7
Proprietary Surfactant      Non-hazardous	1-3%	PROPRIETARY
1,2-ethanediol	3-8%	107-21-1
Refractories, Fibers, Aluminosilicate	2-6%	142844-00-6

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Move to fresh air. Seek medical attention if breathing becomes irregular or becomes unconscious.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Redness and/or tearing.

**SKIN:** Redness and/or itching.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide, Carbon Dioxide, Hydrocarbons.

**FIRE FIGHTING EQUIPMENT:** Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Do not use water stream as flame may scatter.

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Sweep up debris and dispose of in accordance with local regulations. Dust can be dampened with

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water for containment. Personal protective equipment is recommended.

## 7. HANDLING AND STORAGE

**STORAGE:** Store in a cool, dry place. Material may become excessively soft when heated or stored in an unusually warm area.

**STORAGE TEMPERATURE:** (40°F) Minimum to (120°F) Maximum

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Aluminum Oxide	OSHA PEL	TWA	[1]	5 MG/M3 [1]
	ACGIH TLV	TWA	[1]	1 MG/M3 [1]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Silica, Crystalline	OSHA PEL	TWA	[1]	5 mg/m3 (%SiO <sub>2</sub> + 2) [1]
	ACGIH TLV	TWA	[1]	0.025 MG/M3 [1]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
1,2-ethanediol	OSHA PEL	STEL		125
	ACGIH TLV	TWA	[2]	100 [2]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Refractories, Fibers, Aluminosilicate	Supplier OEL	TWA	0.5	

**Footnotes:**  
 1. Respirable Dust  
 2. Aerosol

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses.

**SKIN:** Protective gloves such as latex, nitrile, or terry cloth.

**RESPIRATORY:** Use NIOSH approved respirator if used in a closed environment where ventilation is not adequate.

**PROTECTIVE CLOTHING:** Long sleeve shirt or other covering is recommended.

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**WORK HYGIENIC PRACTICES:** Always adhere to general workplace hygienic practices including washing before eating or smoking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Pine

**APPEARANCE:** Fibrous Paste

**COLOR:** Black

**FLASH POINT AND METHOD:** (232°F) Closed Cup (Pensky Martin)

**AUTOIGNITION TEMPERATURE:** Not Established

**VAPOR DENSITY:** > 1 Air = 1.0

**EVAPORATION RATE:** None

**SPECIFIC GRAVITY:** 1.8 at (72°F)

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** None

**STABILITY:** Stable under ordinary conditions of use and storage.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, smoke.

**INCOMPATIBLE MATERIALS:** Acids, Strong oxidizing agents, chlorine.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)
1,2-ethanediol	4700 mg/kg (rat)

**ORAL LD<sub>50</sub>:** 1310 mg/kg (Rat) (Proprietary Surfactant)

**Notes:** Acute oral toxicity is from the surfactant only (approx. 1.8% total concentration of this product).

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not Established

## 13. DISPOSAL CONSIDERATIONS

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**DISPOSAL METHOD:** Dispose of in accordance to local sanitary regulations.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** KelSeal XG

**PRIMARY HAZARD CLASS/DIVISION:** Not classified as hazardous.

**OTHER SHIPPING INFORMATION:** Non-Hazardous for transportation, not a regulated substance.

### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** KelSeal XG

**NOTE:** Non-Hazardous for transportation, not a regulated substance.

### AIR (ICAO/IATA)

**SHIPPING NAME:** KelSeal XG

**PRIMARY HAZARD CLASS/DIVISION:** Not classified as hazardous.

**NOTE:** Non-Hazardous for transportation, not a regulated substance.

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** KelSeal XG

**PRIMARY HAZARD CLASS/DIVISION:** Not classified as hazardous.

**NOTE:** Non-Hazardous for transportation, not a regulated substance.

### CANADA TRANSPORT OF DANGEROUS GOODS

**SHIPPING NAME:** KelSeal XG

**PRIMARY HAZARD CLASS/DIVISION:** Not classified as hazardous.

**TDG NOTE:** Non-Hazardous for transportation, not a regulated substance.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Not Established

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**TITLE III NOTES:** Not listed for annual reporting.

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

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**TSCA REGULATORY:** All ingredients are listed on the TSCA Inventory of chemical Substances.

**CALIFORNIA PROPOSITION 65:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm, and contains crystalline silica, some of which is respirable at the end of the product's life cycle. Crystalline silica is known to the State of California to cause cancer.

**COMMENTS** Not a regulated or hazardous material.

## 16. OTHER INFORMATION

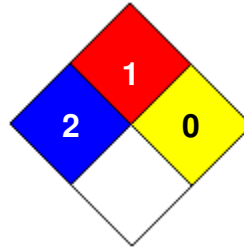
**Date Revised:** 06/06/2016

**REVISION SUMMARY:** This SDS replaces the 10/02/2015 SDS.

### HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

### NFPA CODES



**NFPA STORAGE CLASSIFICATION:** Not classified as a hazardous or regulated material.

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HAZARDOUS MATERIALS IDENTIFICATION SYSTEM			
HAZARD INDEX		PERSONAL PROTECTION INDEX	
4 = SEVERE HAZARD	An asterisk(*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification  Additional Information	<b>A</b>	
3 = SERIOUS HAZARD		<b>B</b>	
2 = MODERATE HAZARD		<b>C</b>	
1 = SLIGHT HAZARD		<b>D</b>	
0 = MINIMAL HAZARD		<b>E</b>	
PERSONAL PROTECTION EQUIPMENT		<b>F</b>	
<b>A</b> Safety Glasses	<b>n</b> Splash Goggles	<b>O</b> Face Shield & Eye Protection	<b>p</b> Gloves
<b>q</b> Boots	<b>r</b> Synthetic Apron	<b>s</b> Fall Suit	<b>t</b> Dust Respirator
<b>u</b> Vapor Respirator	<b>w</b> Dust & Vapor Respirator	<b>y</b> Full Face Respirator	<b>Z</b> Airless Head or Mask
		<b>G</b>	
		<b>H</b>	
		<b>I</b>	
		<b>J</b>	
		<b>K</b>	
		<b>X</b>	Consult your supervisor or S.O.P. for "SPECIAL" handling directions

**HMIS RATINGS NOTES:**

**GENERAL STATEMENTS:** Respirable dust hazard is at the end of the product life cycle when the sealed joint is being disassembled. Use gloves and dust mask during clean up.

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