



# Material Safety Data Sheet

72452D

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## POLYCLAR® BREWBRITE

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Responsible Party:** International Specialty Products  
1361 Alps Rd.  
Wayne, N.J. 07470  
U.S.A.  
Telephone: (973) 628-4000

**Emergency Telephone Number:** CHEMTREC: 1-800-424-9300 or 703-527-3887 (Outside of the USA)  
(Spill Related Emergencies)  
PROSAR: 1-800-241-7439 (Health Related Emergencies)

**Prepared By:** Product Stewardship

**Product Id:** 72452D

**Product Name:** POLYCLAR® BREWBRITE

**CAS Registry Number:** 9003-39-8; 9000-07-1

**CAS Name:** 2-Pyrrolidinone, 1-ethenyl-, homopolymer; Carrageenan

### 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components:	Weight %	ACGIH Threshold Limit Values Data - Time Weighted Average (TWA):	OSHA Specifically Regulated Substances Data - Time Weighted Average (TWA):
2-Pyrrolidinone, 1-Ethenyl-, Homopolymer 9003-39-8	74	No TLV/TWA Established	No TLV/TWA Established

**Statement of Hazardous Nature:** Dusts at sufficient concentrations can form explosive mixtures with air.

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

DUSTS AT SUFFICIENT CONCENTRATIONS CAN FORM EXPLOSIVE MIXTURES WITH AIR.

#### Hazard Overview

**Target Organs:** None effected.

**Primary Entry Routes:** Not applicable.

**Acute Health Hazards:** None known.

**Chronic Health Hazards:** None known

#### Signs and Symptoms of Overexposure

**Eye Contact:** Not a hazard under normal use conditions.

**Skin Contact:** Not a hazard under normal use conditions.

**Ingestion:** Not a hazard under normal use conditions.

**Inhalation:** Not a hazard under normal use conditions.

#### 4. FIRST AID MEASURES

**Eye Contact:** Flush eyes with copious amounts of water.

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

**Ingestion:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation:** No specific treatment is necessary since material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

#### 5. FIRE FIGHTING MEASURES

**NFPA Rating:** Health: 1 Flammability: 1 Reactivity: 0

**Flash Point (°F):** Not determined

**Extinguishing Media:** All standard firefighting media

**Unusual Fire/Explosion Hazards:** Powdered material may form explosive dust-air mixtures. This material has an explosion hazard greater than Pittsburgh coal dust.

**Special Protective Equipment:** Fire fighters should wear full protective clothing, including self-contained breathing equipment.

#### **HMIS RATING:**

**HEALTH** 1

**FLAMMABILITY** 1

**PHYSICAL HAZARD** 0

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautionary Measures:** Use appropriate protective equipment.

**Procedure for Cleaning/Absorption:** Contain spill with sand or other inert materials.

#### 7. HANDLING AND STORAGE

**Handling:** Avoid generating or breathing dust.  
Minimize dust generation and accumulation.

**Storage:** Store in sealed containers in a protected area.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**Respiratory Protection:** Dust masks.

**Hand Protection:** Use gloves as a standard industrial handling procedure.

**Eye Protection:** Safety glasses.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Powder

**Color:** White/off-white

**Odor:** Not determined

**Odor Threshold:** Not available

<b>pH:</b>	5.00-11.00 (1% solution)
<b>Specific Gravity:</b>	Not determined
<b>Boiling Point (°F):</b>	Not determined
<b>Melting Point/Freezing Point(°F):</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Solubility:</b>	Insoluble in Water

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under normal conditions of handling, use and transportation.
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Keep away from heat, sparks and flame. Avoid any source of ignition.
<b>Materials to Avoid:</b>	Strong oxidizing agents. Strong reducing agents.
<b>Hazardous decomposition products:</b>	Oxides of nitrogen.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicity Test:</b>	
<b>Acute Oral LD50 (mg/kg):</b>	>100,000 (rat) (PVPP)
<b>Sensitization:</b>	Human RIPT: Non-sensitizing (PVPP)
<b>Skin Irritation:</b>	Non irritating (Human RIPT). (PVPP)
<b>Eye Irritation:</b>	Non-irritating to rabbit eye. (PVPP)

## 12. ECOLOGICAL INFORMATION

<b>Biodegradability:</b>	Not determined.
<b>Aquatic Toxicity:</b>	No data is available on the adverse effects of this material on the environment.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal of Waste Method:</b>	Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.
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## 14. TRANSPORT INFORMATION

<b>Land Transportation:</b>	
<i>DOT (Non-Bulk):</i>	
<b>UN/NA Number:</b>	NONE
<b>DOT Shipping Name:</b>	NOT REGULATED
<b>Hazard Class:</b>	NONE
<i>DOT (Bulk):</i>	
<b>UN/NA Number:</b>	NONE
<b>DOT Shipping Name:</b>	NOT REGULATED
<b>Air Transportation (IATA):</b>	
<b>UN Number:</b>	NONE

**Proper Shipping Name:** NOT REGULATED

**Hazard Classification:** NONE

**Sea Transportation (IMO):**

**UN/ID Number:** NONE

**Proper Shipping Name:** NOT REGULATED

**Hazard Classification:** NONE

**TDG (Canada):**

**Proper Shipping Name:** NOT REGULATED

**Hazard Class:** NONE

**15. REGULATORY INFORMATION**

**TSCA Inventory List:** This product and/or its components is listed on TSCA.

**California Proposition 65  
Carcinogens & Reproductive  
Toxicity (CRT) List:** None of the components of this product is listed on CALPROP.

**WHMIS Ingredient Disclosure  
List:** None of the components of this product is listed on WHMIS Ingredient Disclosure list.

**Canada DSL Inventory List:** This product and/or its components is listed on DSL.

**Canada NDSL Inventory List:** This product and/or its components is not listed on NDSL.

**Japan Inventory of Existing &  
New Chemical Substances  
(ENCS):** This product and/or its components is not listed on ENCS.

**Australia Inventory of Chemical  
Substances (AICS) List:** This product and/or its components is listed on AICS.

**EU EINECS List:** This product and/or its components is not listed on or is exempt from EINECS.

**ELINCS:** This product and/or its components is not listed on ELINCS.

**16. OTHER INFORMATION**

**Prepared By:** Product Stewardship

**Legend:** N.Av.= Not Available; N.Ap.= Not Applicable

**Important Note:**

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**\*\*\*END OF MSDS\*\*\***