



# 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. HAZARDS IDENTIFICATION

**Emergency Overview**  
DUSTS AT SUFFICIENT CONCENTRATIONS CAN FORM EXPLOSIVE MIXTURES WITH AIR.  
Off-white Powder

#### Hazard Overview

**Target Organs:** • None effected.

**Primary Route(s) of Exposure:** Eyes. Skin. Ingestion. Inhalation.

**Acute Health Hazard:** None known.

**Chronic Health Hazard:** 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.

### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components:	Weight %
2-Pyrrolidinone, 1-Ethenyl-, Homopolymer 9003-39-8	74

### 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

**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.

### 6. ACCIDENTAL RELEASE MEASURES

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

**Procedure for Cleaning/Absorption:** Scoop up and remove. Minimize dust generation and accumulation. Water washdown not recommended.

### 7. HANDLING AND STORAGE

**Handling:** Avoid generating or breathing dust. Minimize dust generation and accumulation. Wash thoroughly with soap and water after handling.

**Storage:** Hygroscopic Material. Keep containers closed tightly when not in use. Store in a cool, dry place, out of direct sunlight.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**Respiratory Protection:** Dust masks. Use in a well ventilated area.

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

**Eye Protection:** Safety glasses.

**Exposure Limits:**

Components:	ACGH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
2-Pyrrolidinone, 1-Ethenyl-, Homopolymer 9003-39-8 (74)	No TLV/TWA Established	No TLV/TWA Established

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Powder

**Color:** White/off-white

**Odor:** Not determined

**Odor Threshold:** Not available

**pH:** 5.00-11.00 (1% solution)

**Specific Gravity:** Not determined

**Boiling Point (°F):** Not determined

**Melting/Freezing Point (°F):** Not determined

**Vapor Pressure:** Not determined  
**Solubility:** Insoluble in Water  
**Flash Point (°F):** Not determined

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

### Toxicity Test:

**Acute Oral LD50 (mg/kg):** >100,000 (rat) (PVPP)  
**Acute Dermal LD50 (mg/kg):** Not Determined  
**Acute Inhalation LC50 (mg/l):** Not Determined  
**Eye Irritation:** Non-irritating to rabbit eye. (PVPP)  
**Skin Irritation:** Non irritating (Human RIPT). (PVPP)  
**Sensitization:** Human RIPT: Non-sensitizing (PVPP)  
**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

## 12. ECOLOGICAL INFORMATION

**Biodegradability:** Not determined.  
**Aquatic Toxicity:** No data is available on the adverse effects of this material on the environment.

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Waste Method:** Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

### Land Transportation:

*DOT (Non-Bulk):*

**UN/NA Number:** NONE  
**DOT Shipping Name:** NOT REGULATED  
**Hazard Class:** NONE

*DOT (Bulk):*

**UN/NA Number:** NONE

DOT Shipping Name: NOT REGULATED

Air Transportation (IATA):  
UN Number: 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 are listed or exempt from the TSCA Inventory

**California Proposition 65  
Carcinogens & Reproductive  
Toxicity (CRT) List:** This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

**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 are listed or exempt from the DSL Inventory

**Canada NDSL Inventory List:** This product and/or its components does not comply with NDSL

**Japan Inventory of Existing &  
New Chemical Substances  
(ENCS):** This product and/or its components does not comply with ENCS

**Australia Inventory of Chemical  
Substances (AICS) List:** This product and/or its components are listed or exempt from the AICS Inventory

**European Inventory of Existing  
Commercial Chemical  
Substances (EINECS):** This product and/or its components are listed or exempt from the EINECS Inventory

**EU List of Notified Chemical  
Substances (ELINCS)** This product and/or its components does not comply with ELINCS

## 16. OTHER INFORMATION

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

**HMIS RATING:**  
HEALTH 1  
**FLAMMABILITY** 1  
**PHYSICAL HAZARD** 0

**Prepared By:** Product Stewardship

**Reason for revision:** This data sheet contains changes from the previous version in section(s) 2,3,5,6,7,8,10,11,13,15, and 16

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

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