

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

#### PRODUCT IDENTIFIER

**Product Name:** Carbomer 940  
**INCI Name:** Carbomer  
**Description:** Acrylic Polymer for thickening  
**Chemical Name:** Polyacrylic Acid  
**CAS Number(s):** 9003-01-4

#### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Company:** Level 7 Chemical  
255 Sturgis Rd  
**Telephone Number:** Conway, AR 72034  
(855) 927-1777

#### Emergency Contact:

**Emergency Telephone Number:** Chemtrec: (800) 424-9300

### 2. HAZARDS IDENTIFICATION

#### CLASSIFICATION OF THE SUBSTANCE MIXTURE

##### Classification according to Regulation (EC) No 1272/2008:

This substance is not classified in the Annex I of Directive 67/548/EEC and REGULATION (EX) No 1272/2008.

#### ACUTE HEALTH EFFECTS

Powder/dust eye irritation is a physical, not a chemical effect. Solid particles on the eye (powder/dust) may cause pain and be accompanied by irritation. Dust inhalation may cause coughing, mucous production and shortness of breath.

#### CHRONIC HEALTH EFFECTS

Contact dermatitis may occur in individuals under extreme conditions of prolonged and repeated contact, high exposure and temperature, and occlusion (held onto the skin) by clothing. No evidence of adverse lung effects from polyacrylate dust exposure was observed in studies of workers. Neither lower airway symptoms, chronic from polyacrylate exposure. Only a small increase in upper respiratory symptoms appeared to be related to exposure. However, various lung effects such as inflammation, hyperplasia (abnormal increases in the number of cells composing a tissue or organ), scarring (fibrosis), changes in the air sac (alveolar) ducts of the lung, and tumors were greater than 0.05 mg/m<sup>3</sup> for the majority of their lives. Furthermore, some lung or lung cell effects were found in rodent laboratory studies of shorter duration.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**CHEMICAL NAME** Polyacrylic acid

**CAS NUMBER:** 9003-01-4

**CLASSIFICATION:** Not Classified.

### 4. FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used.

**Skin contact:** In case of contact, immediately flush skin with plenty of water. Cold water may be used. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases, and groin. Remove contaminated clothing and shoes. Cover the irritated skin with an emollient. If irritation persists, seek immediate medical attention. Wash clothing before reuse.

**Serious Skin Contact:** Seek immediate medical attention.

**Inhalation:** Allow the victim to rest in a well-ventilated area. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt, or waistband.

### 5. FIRE-FIGHTING MEASURES

**Flammability of the Product:** May be combustible at high temperature.  
**Flash Point:** Not Available  
**Flammable Limits:** Not Available  
**Products of Combustion:** Not Available  
**Fire Hazards in Presence of Various Substances:** Not Available

**Explosion Hazards in Presence of Various Substances:**

**Risks of Explosion Of the Product in Presence of Mechanical Impact:** Not Available  
**Risks of Explosion Of the Product in Presence of Static Discharge:** Not Available

**Fire Fighting Media and Instructions**

**Small Fire:** Use DRY chemical powder.  
**Large Fire:** Use water spray, fog, or foam. Do not use water jet.  
**Special Fire Fighting Procedures:** Not available.

**6. ACCIDENTAL RELEASE MEASURES**

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.  
**Large spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.  
**Personal Protection:** Use gloves and goggles.  
**Environmental Protection:** Biodegradable product.  
**Collection:** Carefully sweep up and remove, avoid raising dust.

**7. HANDLING AND STORAGE**

**Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood.

Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or label.

**Handling:** Eliminate likely source of ignition, such as static buildup.  
**Storage:** Keep container dry. Keep in a cool place. Pack in tightly-sealed containers. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.  
**Disposal:** If possible, recover the product hygiene, otherwise dispose of in authorized landfill or incinerate in accordance with local regulations.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.  
**Personal Protection:** Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.  
**Respiratory:** Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.  
**Eye:** Avoid eye contact. Wear safety spectacles, goggles, or, for larger quantities, a full face mask.  
**Hands and Body:** Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger quantities, full arm, body, and face protection. Wash hands thoroughly after handling.  
**Exposure Limits:** Not available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

- a) **Appearance:** White powder
- b) **Odor:** Slightly acetic
- c) **Viscosity (0.2%, mPa -s)** 19000-35000
- d) **Viscosity (0.5%, mPa -s)** 50000-60000
- e) **Loss on Drying:** 2.0% Max
- f) **Clarity:** 92% Min

---

---

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	The product is stable.
<b>Incompatibility with various substances:</b>	Strong base.
<b>Conditions to Avoid:</b>	Extreme heat, high humidity.
<b>Polymerization:</b>	No.

---

## 11. TOXICOLOGICAL INFORMATION

<b>Routes of Entry:</b>	Inhalation. Ingestion.
<b>Toxicity to Animals:</b>	Not Available.
<b>Chronic Effects on Humans:</b>	Not Available.
<b>Other Toxic Effects on Humans:</b>	Very hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant).

---

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Fish: Bluegill/Sunfish: LC50 = 580-2000 mg/L; 96 Hr; Unspecified Water Flea Daphnia: EC50 =168-280 mg/L; 96 Hr; Unspecified No Data Available
<b>Products of Biodegradation:</b>	Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.
<b>Toxicity of the Products of Biodegradation:</b>	The products of degradation are more toxic than the product itself.
<b>Special Remarks on the Products of Biodegradation:</b>	Not Available

---

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal:</b>	Material should be disposed of in accordance to current local, regional, and country regulations.
------------------------	---

---

## 14. TRANSPORT INFORMATION

<b>DOT Classification:</b>	Not classified
<b>Identification:</b>	Not Available

---

## 15. REGULATORY INFORMATION

---

---

---

## TSCA:

**EU Regulation:**  
Directive 92/32/EEC.

## OSHA:

## California Prop 65:

The product is in compliance with the TSCA inventory of the U.S.  
All components are in compliance with the EC Seventh amendment

None of the chemicals in this product are considered highly hazardous by OSHA.

California: No Significant Risk Level: None of the chemicals in this product are listed.

---

---

## 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.