Material Safety Data Sheet / Safety Data sheet
Carbomer 940

Section 1: Chemical Product Identifier and Synonyms

Product Name: Carbomer 940

CAS Number: 9003-01-4

Synonym: 2-Propenoic acid homopolymer; Acrylic acid resin; Poly(acrylic acid).

Section 2: Composition and Information on Ingredients

Composition

Name	CAS Number:	% By Weight
Acrylic resin	9003-01-4	>100%

Toxicology Data On Ingredients: Carbomer 940 LD50: Not Available. LC50: Not Available

Section 3: Hazards Identification

Potential Acute Health Effects:

Not available.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.

Section 4: First Aid Measures

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Skin Contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Obtain medical attention.

Inhalation:

Remove from exposure, lie down. Move to fresh air. If not breathing, give artificial respiration. Obtain medical attention.

Ingestion:

Clean mouth with water. Get medical attention.

Section 5: Fire and Explosion Data

Flammability of the Product: Not available.
Auto-Ignition Temperature: 519 °C / 966.2 °F
Flash Points: Not applicable.
Flammable Limits: Not applicable.
Products of Combustion: Not available.
Fire Hazards in Presence of Various Substances: Not applicable.
Explosion Hazards in Presence of Various Substances: Not available.
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: Water spray. Carbon dioxide (CO 2). Dry chemical. Chemical foam.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Special Remarks on Fire Hazards: Not available.
Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Ensure adequate ventilation. Use personal protective equipment
Large Spill:
Sweep up or vacuum up spillage and collect in suitable container for disposal. Do not let this chemical enter the environment.

Section 7: Handling and Storage

Precautions:
Avoid contact with skin and eyes. Do not breathe dust.
Storage:
Keep in a dry, cool and well-ventilated place. Keep container tightly closed.

Section 8: Exposure Controls / Personal Protection

Engineering Controls:
None under normal use conditions.
Personal Protection:
Safety glasses. Gloves. Protective clothing. Dust production: dust mask.
Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits:
Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Fine Powder.
Odour: vinegar-like.
Taste: Not available.
Molecular Weight: Not available.
Colour: White.
pH (1% soln/water): 2.5-3.0 1% aq.sol
Boiling Point: Not available.
Melting Point: Not available.
Critical Temperature: Not available.
Specific Gravity: Not available. (Water = 1)
Vapour Pressure: Not available.
Vapour Density: Not available.
Volatility: Not available.
Odour Threshold: Not available.
Water/Oil Dist. Coeff.: Not available.
Ionicity (in Water): Not available.
Dispersion Properties: Not available.
Solubility: Not available.

Section 10: Stability and Reactivity Data

Stability: The product is stable under normal conditions. Hydroscopic.
Instability Temperature: Not available.
Conditions of Instability: Avoid dust formation. Incompatible products. Exposure to moist air or water.
Incompatibility with various substances: Strong oxidizing agents, Strong bases, Amines, Ammonia.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Polymerization: Does not occur.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.
Toxicity to Animals: LD50 = 2500 mg/kg (Rat) LC50: Not available.
Chronic Effects on Humans: Not available.
Other Toxic Effects on Humans: Not available.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Do not empty into drains.
BOD5 and COD: Not available.
Products of Biodegradation: Not available.
Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.
Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Information

Waste Disposal: Dispose of in accordance with local regulations
Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.

Section 14: Transport Information

DOT Classification: Not regulated.

Identification: Not regulated.

Special Provisions for Transport: Not available.

Section 15: Regulatory Information

Regulations: Labelling according to Regulation (EC) No 1272/2008.

Section 16: Other Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials. The author will not be held liable for any damage or injury caused by this product and does not obviate the requirement for end users to carry out their own workplace and specific use risk assessment.

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