

Hydroxyethylcellulose (HEC)

Page: 1/3

Revision Date: April 13, 2023

SECTION 1. IDENTIFICATION

Product Name: Hydroxyethylcellulose (HEC)
INCI Name: *Hydroxyethylcellulose*
CAS#: 9004-62-0
Recommended Use: Topical Cosmetic Use
Supplier: **Bulk Naturals Wholesale LLC.**
212 N Jefferson Unit 12A Ava, Mo 65608, USA
Telephone No. (24hrs): 1-573-465-0612
Emergency Telephone # : **1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)**

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification: Not classified as hazardous or dangerous under (EC) No 1272/2008, 67/548/EEC or 1999/45-EC.
GHS Label Elements
Signal: Not Applicable
Hazard statement(s): Not Applicable
Precautionary statement(s): Not Applicable

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Hydroxyethylcellulose (HEC)	9004-62-0	-	100.0%

SECTION 4. FIRST AID MEASURES

Eye contact: If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Skin contact: Rinse with soap and water. Get medical advice if irritation develops. Consult with a physician.
Inhalation: Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Ingestion: Consult with a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, dry chemical foam, carbon dioxide, or clean extinguishing agents may be used on fires involving this product.

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made and we assume no liability regarding this formula or information contained herein. In every case we urge and recommend that our customers make their own tests to determine to their own satisfaction whether the product is suitable for their particular purposes under their own operating conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without the authority from the owner of this patent



Safety Data Sheet

Hydroxyethylcellulose (HEC)

Page: 2/3

Revision Date: April 13, 2023

Precautions for fire-fighters:

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

**Special hazards arising from the substance:
Resulting gases:**

May form flammable dust-air mixtures.
Carbon monoxide, carbon dioxide, and smoke.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid conditions that generate dust; the product may form flammable dust-air mixtures.

Environmental precautions:

No special environmental precautions are required.

Methods for cleaning up:

Use a dust ignition-protected vacuum cleaner. Scoop into containers and dispose of them appropriately. Avoid wetting spills, as surfaces can become very slippery.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling:

Avoid generating and spreading dust. Avoid inhalation of dust.

Recommended Storage Conditions:

Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. Keep the container closed when not in use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes:

Use tightly sealed goggles.

Skin:

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory:

In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Off-White Powder.

Odor:

Odorless.

pH:

7.0 to 8.0 (aqueous solution).

Relative Density:

1.5

Solubility:

Soluble in water.

Refractive Index:

Not available.

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Safety Data Sheet

Hydroxyethylcellulose (HEC)

Page: 3/3

Revision Date: April 13, 2023

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal temperature conditions.
Possibility of hazardous reactions:	Dust may form an explosive mixture in the air.
Conditions to avoid:	Keep away from open flames, hot surfaces, and sources of ignition.
Hazardous decomposition products:	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:	Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease.
Eye contact:	Dust contact with the eyes may cause temporary scratchiness or redness.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Generally considered chemically inert in the environment. Used material that has become contaminated may have significantly different characteristics based on the contaminants and should be evaluated accordingly.
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SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

SECTION 15. REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws.

SECTION 16. OTHER INFORMATION

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