SAFETY DATA SHEET

Section 1 - Product Information

- **Product Name:** Hydroxypropyl Cellulose, 75-150 cP, NF
- **Product Number:** CAS# 9004-64-2
- **Identified Uses:** Laboratory chemical, Manufacturing, Excipient Formulation
- **Company name:** Albochemicals LLC
- **Company website:** https://albochem.com
- **Address:** Albochemicals LLC, 8 The Green STE 10911 Dover, DE 19901
- **Email:** onlinestore@albochem.com

Section 2 - Hazards Identification

- **2.1 Classification of the substance or mixture:** Not a hazardous substance or mixture. Combustible dust hazard may exist under certain conditions.
- **2.2 GHS Label elements:** Not a hazardous substance or mixture.
- **2.3 Hazards not otherwise classified (HNOC):** May form combustible dust concentrations in air.

Section 3 - Composition/Information on Ingredient

Attribute	Details
Composition	Hydroxypropyl Cellulose
Synonyms	HPC, Cellulose hydroxypropyl ether
Formula	Variable (Cellulose ether derivative)
CAS	9004-64-2
Inactive ingredients	N/A

Section 4 - First aid measures

- **General advice:** Consult a physician. Move out of the dangerous area.
- **If inhaled:** If breathed in, move the person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- **In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.
- **In case of eye contact:** Flush eyes with water as a precaution.
- **If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with

water. Consult a physician.

Section 5 - Firefighting measures

- **5.1 Extinguishing media:** Suitable extinguishing media. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- **5.2 Special hazards:** Carbon oxides. Combustible dust.
- **5.3 Advice for firefighters:** Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 - Accidental Release Measures

- **Personal precautions:** Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Remove all sources of ignition.
- **Environmental precautions:** Do not let a product enter drains.
- **Methods for clean up:** Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

- **Precautions for safe handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition.
- **Conditions for safe storage:** Store at room temperature. Keep the container tightly closed in a dry and well-ventilated place.

Section 8 - Exposure Controls / PPE

- **ENGINEERING CONTROLS:** Safety shower and eye bath. Adequate ventilation to prevent dust accumulation.
- **Respiratory:** Use respirators and components tested and approved under appropriate government standards for nuisance dusts.
- **Hand:** Compatible chemical-resistant gloves.
- **Eye:** Chemical safety goggles.
- **GENERAL HYGIENE MEASURES:** Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

- **Appearance Physical State:** White to off-white powder
- **Molecular Weight:** N/A (Polymer)
- **pH:** 5.0 - 8.5 (1% aqueous solution)
- **MP/MP:** Softens at 130 °C, burns at higher temperatures

Section 10 - Stability and Reactivity

- **STABILITY:** Stable under normal conditions.
- **Materials to Avoid:** Strong oxidizing agents.
- **HAZARDOUS DECOMPOSITION PRODUCTS:** Toxic fumes of carbon monoxide, carbon dioxide.
- **HAZARDOUS POLYMERIZATION:** Will not occur.

Section 11 - Toxicological Information

- **Acute toxicity:** LD50 Oral - Rat - > 10,200 mg/kg
- **Carcinogenicity:** IARC: 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.
- **Potential health effects:** May be harmful if inhaled. May cause respiratory tract irritation.

Section 12 & 13 - Ecological Information & Disposal

- **Ecological Data:** No data available. Generally considered safe for the environment.
- **Disposal:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service.

Section 14, 15, & 16 - Transport, Regulatory, Other Information

- **TRANSPORT:** Not dangerous goods.
- **California Prop. 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
- **TSCA:** Product is listed on TSCA inventory.
- **DISCLAIMER:** For formulation and R&D use only. Not for direct human consumption or diagnostic use.