

AQUAPAC

SAFETY DATA SHEET

REV. DATE: 06/15 REV. 2

1. PRODUCT AND COMPANY IDENTIFICATION

Company Identification:

Agri Empresa LLC
 6001 W. Industrial Ave
 Midland, TX 79706
 432-694-1994


24 Hour Emergency Telephone: Call Chemtrec 1-703-527-3887

Product Name: AquaPac Cellulose Polymer

Chemical Name: Sodium Carboxymethylcellulose

2. HAZARD IDENTIFICATION

Precautionary Statement: Static charges generated by emptying package in or near flammable vapors may cause flash fire. Spills may become slippery. If contact with skin or eyes flush with plenty of water. Contact a physician if irritation persists. If inhaled contact a physician if trouble breathing.

SIGNAL WORD	HAZARD	HAZARD CODE	CATEGORY	HEALTH HAZARD STATEMENT
	Eye	H320	2B	May cause eye irritation
	Skin	H317	1A,1B	Repeated skin exposure may cause allergic reaction
	Inhalation	H333	4	May be harmful if inhaled
	Ingestion	H303	4	May be harmful if swallowed
	Fire	H228	1	May catch fire spontaneously if exposed to air/static

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous according to the OSHA Hazard Communication Standard 29CFR1910.1200 due to flammable dust potential.

COMPONENT	CAS #	COMPOSITION
Sodium Carboxymethylcellulose	9004-32-4	100%

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. Get medical attention if nasal, throat, or lung irritation develops.
Skin Contact:	Wash with soap and water. Get medical attention if irritation persists.
Eye Contact:	Remove contact lenses. Hold eyelids apart. Immediately flush eyes with plenty of low-pressure water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion:	No adverse health effects are expected from accidental ingestion of small amounts of this product. For ingestion of large amounts: If conscious, drink one to two glasses of water (8-16 oz). Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.
Notes to Physician:	Not applicable.

5. FIRE FIGHTING MEASURES

Fire Extinguishing Media:	Water spray, dry chemical, foam, carbon dioxide or clean extinguishing agents may be used on fires involving this product.
Special Exposure Hazards:	No unusual fire or explosion hazards noted.
Special Protective Equipment for Fire Fighters:	Wear self contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear when fighting fires involving this product.
Hazardous Combustion Products:	If heated to decomposition, the following substances may be formed: carbon monoxide, carbon dioxide and smoke.
Auto Ignition Temperature:	>698 degrees Fahrenheit (dust)

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Avoid dust formation. Clean up spills immediately. If product is not contaminated, scoop into clean containers for use. If product is contaminated, scoop into containers, and dispose appropriately. In case of accidental spill or release, refer to Section 8, Personal Protective Equipment and General Hygiene Practices.



7. HANDLING AND STORAGE

General Measures:	Ground all equipment. Blanket vessel with inert gas when emptying bags where flammable vapors may be present. Ground operator and pour material slowly into conductive, grounded chute. For large bags (1000lbs or greater) a ground cable MUST be attached to the bag-ground connection. Store in a cool, dry, and well ventilated area. Keep container closed when not in use.
Materials or Conditions To Avoid:	Avoid conditions that generate dust; product may form flammable dust-air mixtures. Avoid emptying package in or near flammable vapors; static charges may cause flash fire. Keep away from heat, flame, sparks, and other ignition sources. Do not store in direct sunlight or expose to UV Radiation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Eyewash fountains and safety showers should be easily accessible. Provide adequate ventilation. If upper respiratory tract irritation occurs, use an approved dust/mist respirator to minimize exposure. Keep floors clean and dry. Clean spills immediately.
Respiratory Protection:	Wear approved dust/mist respirator if user operations create dust/mist that causes irritation.
Hand Protection:	Impervious gloves required for prolonged or repeated contact.
Skin Protection:	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Eye Protection:	Wear approved chemical safety goggles where eye exposure is reasonable probable.
Exposure Limits:	No exposure limit has been established. This product may irritate the upper respiratory tract if used under conditions that create dust or mist particles.
Protective Measures During Repair and Maintenance:	Eliminate ignition sources and prevent build-up of static electrical charges. Completely isolate and thoroughly clean all equipment, piping, or vessels before beginning maintenance or repairs.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid (Powder)
Color:	White to Off-White
Odor:	Odorless
pH:	Not determined
Specific Gravity:	1.59
Boiling Point(C):	255
Freezing Point (F):	Not Determined
Freezing Point (C):	Not Determined
Vapor Density (Air-1):	Not Determined
Percent Volatiles:	Negligible at 68 degrees Fahrenheit
Evaporation Rate (Butyl Acetate=1):	Not Determined
Solubility in Water (g/100ml):	Limited by viscosity.
Solubility in Solvents:	Not Determined

10. STABILITY AND REACTIVITY

Stability Data:	Stable under recommended handling and storage conditions.
Hazardous Decomposition:	None known.
Hazardous Polymerization:	Not anticipated under normal or recommended handling and storage conditions.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity Information:	Not listed as a carcinogen by NTP. Not regulated as a carcinogen by OSHA. Not evaluated by IARC.
Reported Human Effects:	A single case of allergic dermatitis after repeated long-term skin contact has been reported in the medical literature. A single case of anaphylaxis after ingestion has been reported in medical literature. Due to the physical nature of this material, may cause eye, skin, and respiratory irritation.
Reported Animal Effects:	Reported to cause rabbit eye irritation after exposure to dust. Low order of oral toxicity based on acute and chronic studies in several species.
Mutagenicity/Geno toxicity Information:	Not mutagenic in Ames assay or chromosome aberration test.



12. ECOLOGICAL INFORMATION

Eco toxicological Information: Acute aquatic 96-hour static LC50 value falls within the practically nontoxic range of 100-1000 mg/L, according to the U.S. Fish and Wildlife criteria. Rainbow trout and Bluegill sunfish were the species tested.

Biodegradability: This product is biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Landfilling in a permitted solid or hazardous waste facility is recommended. Handling, transportation, and disposal of material should be conducted in a manner to prevent a nuisance dust hazard. Fully containerize the material before handling, and protect from exposure to the outdoors. Ensure there are no restrictions on disposing of bulk or semi-bulk quantities of waste material. Disposal should be in accordance with all Federal, State, and local regulations.

14. TRANSPORT INFORMATION

This product is not subject to DOT regulations.

15. REGULATORY INFORMATION

Chemical Inventories:

U.S. TSCA: The components of this product are included on the TSCA Inventory.
Canadian CEPA: Included on the DSL Inventory.

This product is not an Extremely Hazardous Substance subject to reporting under 40CFR355.

SARA Title III – Section 311 and 312:

NHH: Not a health hazard

HC-3: Fire hazard

SARA Title III – Section 313

This product does not contain any chemicals subject to reporting under Section 313 of Title III of the Superfund Amendments and Reauthorization Act and 40CFR372.

CERCLA

This product does not contain any chemicals subject to reporting as a CERCLA Hazardous Substance under 40CFR302.4.

RCRA

This product is not a hazardous waste listed in 40CFR261.33. It does not exhibit any of the hazardous characteristics listed in 40CFR261, Subpart C.



16. OTHER INFORMATION

HMIS Ratings:

Health	1	Slight Hazard
Flammability	1	Slight Hazard
Reactivity	0	Minimal Hazard

List of Acronyms:

ACGIH: American Conferences of Governmental Industrial Hygienists
AIHA WEEL: American Industrial Hygienists Association-Workplace Environmental Exposure Level
ANSI: American National Standards Institute.
CASRN: Chemical Abstracts Service Registry Number
CEPA: Canadian Environmental Protection Act
CERCLA: Comprehensive Emergency Response, Compensation and Liability Act
DSL: Domestic Substances List (Canada)
HMIS: Hazardous Materials Identification System
IARC: International Agency for Research on Cancer
NDSL: Non-Domestic Substances List (Canada)
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration.
PEL: Permissible Exposure Limit (OSHA)
RCRA: Resource Conservation and Recovery Act
RQ: Reportable Quantity
SARA: Superfund Amendment Reauthorization Act
STEL: Short-Term Exposure Limit
TLV: Threshold Limit Values (registered trademark of ACGIH)
TPQ: Threshold Planning Quantity
TSCA: Toxic Substance Control Act
TWA: Time Weighted Average

DISCLAIMER STATEMENT:

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