Safety Data Sheet (SDS)

Section 1: Product and Company Identification

Product code:	F0350	**SDS No.**	F0350
Product name:	ECONO PAC LV	**Creation date:**	06/30/2025
Trade name:	Premium Grade Polyconic Cellulose	**Revision date:**	---
Recommended uses: **Restricted uses:**	Filtration control; secondary rheological modifier Consumer use	**Revision:**	0
Producer/supplier:	Economy Polymers & Chemicals 435 E. Anderson Road Houston, TX 77047 (713) 723-8416 sales@economypolymers.com	**Emergency contact:** CHEMTREC **SDS created by:**	 (703) 527-3887 (800) 424-9300 Economy EHS

Section 2: Hazards Identification

Health hazards (29 CFR 1910.1200, Appendix A)	Physical hazards (29 CFR 1910.1200, Appendix B)
No health hazards identified	Combustible dust
	Environmental hazards
	No known harmful aquatic effects

Signal Word: **None**

Pictogram(s):

Note: This product is not classified as a hazardous substance as defined in 29 CFR 1910.1200. Pictograms and signal word are not required.

GHS Hazard Statement(s)
No applicable hazard statement(s)

GHS Precautionary Statement(s)
Prevention
P202: Do not handle until all safety precautions have been read and understood.
P264: Wash hands thoroughly after handling.

Response
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313: If skin irritation occurs: Get medical advice/attention.

Storage
P402+P404: Store in a dry place. Store in a closed container.

Section 3: Composition

CASRN	Hazardous Components	Concentration (% / wt.)
9004-32-4	Carboxymethyl cellulose	> 95%

Note: Only the hazardous constituent components greater than 1.0% by weight (0.1% for carcinogens) are listed above.

Section 4: First Aid Measures	
In case of inhalation:	• Move the exposed person to fresh air at once. • Seek medical attention at once if respiratory irritation develops or if breathing becomes difficult. • If breathing stops, provide CPR; call 9-1-1.
In case of skin contact:	• Wash off immediately with soap and plenty of water. • Remove contaminated clothing (wash before reuse). • Avoid allowing the spread of the material to unaffected skin. • Get medical attention if irritation or rash develops.
In case of eye contact:	• Remove contact lenses, if applicable. • Do not rub eyes. • Use suitable eyewash solutions. Preferably an eyewash station capable of delivering a 15-minute continuous flush. • Seek immediate medical attention.
In case of ingestion:	• Give plenty of water. • Do NOT induce vomiting without medical advice. • If vomiting occurs spontaneously, properly position the individual to mitigate risks of aspiration. • Immediately seek medical treatment. • Never give anything by mouth to an individual who has lost consciousness
Signs and symptoms of exposure:	• See Section 11 of this SDS.
Note to physician:	• SDS is immediately available.
Additional notes:	• The severity of the symptoms described will vary dependent on the concentration and the length of exposure. If adverse symptoms develop, the individual should be transferred to hospital as soon as possible.

Section 5: Fire Fighting Measures		
Suitable extinguishing media:	Water fog	Dry chemical powder
	Water spray	Carbon dioxide (CO2)
Unsuitable extinguishing media and/or method:	If water is used, the substance will hydrate, and may create a slip hazard	
Specific and/or unusual hazards:	Product is not considered flammable, but may burn at high temperatures	
Special protective equipment and precautions for firefighters:	• Wear full-protective clothing, including positive pressure NIOSH-certified SCUBA, as appropriate, depending on the • This product is not flammable, but may burn at higher temperatures. Containers of other materials near the fire should be immediately cooled with water or removed, if safe to do so.	
Fire-fighting equipment and/or special instructions/advice:	• As a best practice, do not allow contaminated extinguisher media, including water, to enter storm drains or other routes leading to bodies of water.	
Hazardous combustion by-products	• COx, NOx	

Section 6: Accidental Release Measures	
Personal precautions, PPE, and emergency procedures:	• Handle in accordance with good industrial hygiene and safety practices. • Wear appropriate personal protective equipment (PPE), see Section 8. Do not handle spilled material without adequate PPE. • Ensure adequate ventilation when using this material. • Be aware of hazardous by-products released after ignition or excessive heating.
Methods and materials for containment and clean-up:	• Use appropriate containment berms to prevent entering storm drains, sewers, retention ponds, and other routes to outside waterways. Notify local/State authorities if this occurs.
Environmental precautions:	• Do not allow spills, including water run-off from fire-fighting or spill clean-up, to fall into storm drains, sewers, or otherwise reaching outside waterways. Use containment or barriers as necessary. • Use appropriate packaging for waste collection. • Properly label the packaging and dispose of contaminated wash water and any other clean-up media in accordance with local, state, and federal regulations. • Document and retain all release information for purposes of reporting, if applicable.

Section 7: Handling and Storage

Precautions for safe handling:	• Wear appropriate PPE. See Section 8 for required/recommended PPE. • Avoid contact with eyes. • Wash hands and skin thoroughly after handling this product. • Do not breath vapors or mists. • Have fire extinguishing device(s) nearby when handling. • Use only in well-ventilated environments. • Wet spilled contents prior to clean-up to avoid dust generation.
Conditions for safe storage:	• Store and handle in accordance with current regulations and standards. • Protect from static discharges, excessive heat, or open flame. • Protect from physical damage to container/packaging. • Maintain good housekeeping. Clean-up spilled contents; wet before clean-up. • Have fire extinguishing device(s) in storage area.

Section 8: Exposure Controls & Personal Protection

Occupational exposure limits

Component(s)	Authority	Type	Value
Carboxymethyl cellulose (9004-32-4)	OSHA PEL 8-hour TWA	PEL-TWA	Not listed
		PEL-STEL	Not listed
		PEL-C	Not listed
		Skin designation	Not listed
	NIOSH REL 10-hour TWA	REL-TWA	Not listed
		REL-STEL	Not listed
		REL-C	Not listed
		IDLH	Not listed
		Skin designation	Not listed
	ACGIH TLV 8-hour TWA	TLV-TWA	Not listed
		TLV-STEL	Not listed
		TLV-C	Not listed
		Skin designation	Not listed
	CAL/OSHA PEL 8-hour TWA	PEL-TWA	Not listed
		PEL-STEL	Not listed
		PEL-C	Not listed
		Skin designation	Not listed

Note: ACGIH and NIOSH information available: Occupational Chemical Database | Occupational Safety and Health Administration (osha.gov)

Additional information	
Engineering controls:	
• Use in a well-ventilated area • Local exhaust ventilation should be used in areas without good cross-ventilation. The accumulation of dust concentrations may form an explosive hazard in areas of limited to no ventilation	
PPE	
Respiratory:	If engineering and administrative controls cannot keep exposure below occupational exposure limits, or if exposure is simply unknown, a NIOSH-certified respirator (organic vapor cartridge) should be used. Before donning the respirator, the user should have been properly fit-tested by a qualified entity.
Hands:	Chemical-resistant gloves
Skin:	Long sleeves; chemical apron
Eyes	Chemical goggles or safety glasses
Additional Notes:	Eyewash and shower stations should be nearby and easily accessible

Section 9: Physical and Chemical Properties

Appearance		**Method used/Remarks**
Physical state:	Powder	
Color:	White to cream-colored	
Odor:	odorless	
Odor threshold:	Not available	
pH:	6.5 – 8.5	1% solution
Freezing/melting point:	Not available	
Boiling point/range:	Not available	
Pour point:	Not available	
Flash point:	> 150C (302F)	
Autoignition temperature:	Not available	
Decomposition temperature:	Not available	
Flammability (solid, gas):	Not applicable	
Explosive properties:		
Upper/lower flammability or explosive limits:		
Flammability limit – upper (%)	Not explosive	
Flammability limit – lower (%)	Not explosive	

Combustible dust:	St 2 (Kst: > 200, ≤ 300)	
Vapor pressure (mm/Hg):	Not available	
Vapor density (Air = 1):	Not available	
Evaporation rate (Butyl Acetate = 1):	Not available	
Specific gravity (Water = 1):	Not available	
Density:	Not available	
Water solubility:	Soluble	
Viscosity (Dynamic):	1500-2500 cP	Brookfield @25C (1% sol.)
Viscosity (Kinematic):	Not available	
Partition coefficient (n/octanol/water):	Not available	
Surface tension:	Not available	
Particle size:	Not applicable	

Section 10: Stability and Reactivity

Chemical stability/reactivity:	• Stable under recommended use and storage conditions
Possibility of hazardous reactions:	• Hazardous polymerization is not expected to occur
Conditions to avoid:	• Extreme high and low temperatures. Over 100C, the product will slowly decompose, impairing dissolving quality • Dust accumulation in stagnant/low-ventilated areas.
Incompatible materials:	• Strong oxidizers • Strong acids and bases • Peroxides
Hazardous decomposition products:	• COx, NOx

Section 11: Toxicological Information

Information on likely routes of exposure

Inhalation:	• May cause respiratory irritation. Signs/symptoms may include cough, shortness of breath, sneezing, nasal discharge, and nose and throat pain.
Skin/dermal contact (absorption):	• Causes skin irritation. Signs/symptoms may include localized redness, swelling, itching.
Eye contact:	• Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
Ingestion:	• Harmful if swallowed. May cause gastrointestinal irritation and other adverse effects. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Information on toxicological effects

Acute inhalation toxicity

Component	Dosage	Amount	Species	Duration
Carboxymethyl cellulose (9004-32-4)	LC50	5.8 mg/l (dust/mist)	Rat	4-hours

Acute dermal toxicity

Component	Dosage	Amount	Species	Duration
Carboxymethyl cellulose (9004-32-4)	LD50 (OECD 404)	> 2000 mg/kg	Rabbit	Not stated

Acute oral toxicity

Component	Dosage	Amount	Species	Duration
Carboxymethyl cellulose (9004-32-4)	LD50 OECD 401	> 2,000 mg/kg	Rat	Not stated

Serious eye corrosion/irritation
Does not cause serious eye corrosion/irritation
Serious skin corrosion/irritation
Does not cause serious skin corrosion/irritation
Respiratory sensitization
Product is not classified as a respiratory sensitizer
Skin sensitization
This product is not expected to be a skin sensitizer

Carcinogenicity:

Component	CASRN	IARC	ACGIH	OSHA	NTP	EPA
Carboxymethyl cellulose	9004-32-4	x	x	x	x	x

"X" denotes "not a carcinogen," "not classifiable as a human carcinogen," or no information available

IARC – International Agency for Research on Cancer	1 2A 2B	Carcinogenic to humans Probably carcinogenic to humans Possibly carcinogenic to humans
ACGIH – American Conference of Governmental Industrial Hygienists	A1 A2 A3	Known human carcinogen Suspected human carcinogen Animal carcinogen
OSHA – Occupational Safety and Health Administration	1A 1B 2	Known to have carcinogenic potential for humans, based on human evidence Presumed to have carcinogenic potential for humans, based on animal evidence Suspected human carcinogen
NTP – National Toxicity Program	K RA	Known carcinogen Reasonably anticipated to be a human carcinogen
EPA	A B1 B2 C	Carcinogenic to humans Probably carcinogenic; evidence from animal testing, with limited human evidence Probably carcinogenic; evidence from animal testing, with no human evidence Possibly carcinogenic; limited animal testing evidence . . . no human evidence

Based on individual component listings, this substance is NOT a suspected carcinogen hazard

Reproductive toxicity:

Component(s)	Evaluation
Carboxymethyl cellulose	Not classified

Germ cell mutagenicity:

Component(s)	Evaluation
Carboxymethyl cellulose	Not classified

Teratogenicity:	
Component(s)	**Evaluation**
Carboxymethyl cellulose	Not classified

Specific target organ toxicity – Single exposure (STOT-SE):	
Component(s)	**Evaluation**
Carboxymethyl cellulose	Not classified

Specific target organ toxicity – Repeated exposure (STOT-RE):	
Component(s)	**Evaluation**
Carboxymethyl cellulose	Not classified

Additional hazards	
Component(s)	**Hazard(s)**
Carboxymethyl cellulose	May cause respiratory tract irritation is some users

Routes of entry	
Component(s)	**Entry**
Carboxymethyl cellulose	Ingestion, inhalation, eye contact, dermal

Section 12: Ecological Information

Ecotoxicity

Component(s)	Dosage	Amount	Species	Duration
Carboxymethyl cellulose (9004-32-4)	LC50 (fish)	≥ 2000 mg/l	Oncorhynchus mykiss (freshwater trout)	96-hours
		≥ 6000 mg/l	Gasterosteus aculeatus (saltwater stickleback)	96-hours
Carboxymethyl cellulose (9004-32-4)	NOEC (invertebrates)	No data	No data	No data
Carboxymethyl cellulose (9004-32-4)	EC50 (algae)	No data	No data	No data

Additional information

Component: Mixture

Biodegradability:	20-70% DOC (OECD 302A)
Bioaccumulative potential:	No information on the product
Mobility in soil:	No information available
Additional notes:	• This preparation contains no substance considered to be persistent, bioaccumulating, nor toxic (PBT) • This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

Section 13: Disposal Considerations

General:	Dispose in accordance with applicable local, state, and federal regulations. Do not allow waste to drain into storm drains, sewers, or any other mechanism that would allow introducing into an offsite water way.	
Hazardous waste:	No	Follow RCRA guidance to determine if hazardous waste
RCRA hazardous waste code(s):	N/A	For a complete listing of RCRA hazardous waste codes, please refer to the RCRA Information page of the EPA, Waste Code (epa.gov)

Section 14: Transport Information

Department of Transportation (DOT)	
UN/NA number	Not regulated for transport
DOT proper shipping name	-----
Hazard class (Subsidiary group)	-----
Packing group	-----
Reportable Quantity (RQ)	-----

Note: None

International Air Transport Administration (IATA) & International Civil Aviation Organization (ICAO)	
UN number	Not regulated for transport
DOT proper shipping name	-----
Hazard class (Subsidiary class)	-----
Packing group	-----

International Maritime Dangerous Goods (IMDG) & International Maritime Organization (IMO)	
UN number	Not regulated for transport
DOT proper shipping name	-----
Hazard class (Subsidiary group)	-----
Packing group	-----
Marine pollutant:	-----
EmS-No	-----

Note: Refer to the 49 CFR 172.101 Table for additional information related to packaging types, exceptions, and specific information related to airlines, air cargo, and sea freight requirements.

Note: Identification numbers beginning with NA refer to being a regulated DOMESTIC shipment only. This can include air and maritime in addition to highway. Consult the 49 CFR 172.101 table for specific shipping information. Shipments with identification numbers beginning with NA are not to be used for international shipments of any kind.

Note: Some carriers have additional requirements. Contact your carrier for any additional requirements not already stated in the 49 CFR 172.101 Table.

Section 15: Regulatory Information

US Federal Regulations	This product is NOT a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.	
Toxic Substance Control Act (TSCA)	The hazardous components listed in Section 3 of this SDS are active in the US EPA TSCA Inventory listing.	
OSHA specifically regulated substances (29 CFR 1910.1001-1050)	No	
EPCRA SARA 302 (Extremely Hazardous Substances)	No	
SARA 311/312 (Tier I/II Reporting)	No	
SARA 313 (Toxic Release Inventory)	No	Note: N/A
Clean Air Act, Section 112 (Hazardous Air Pollutants)	No	Note: N/A
Clean Air Act, Section 112r (Risk Management Plan)	No	

US State Regulations

California Proposition 65	**WARNING:** This product does not contain substances which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Chemical name	CASRN	California Proposition 65 Type of Toxicity
N/A	N/A	N/A

Global inventory status

	AICS	DSL	NDSL	IECSC	EINECS	ENCS	KECL	NZIoC	PICCS	TCSI	TSCA
9004-32-4	Listed	Listed	--	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed

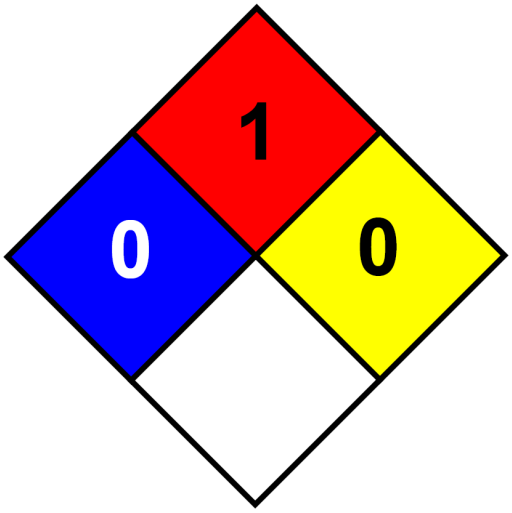
Note: *As a mixture, this product will not be found on global inventory lists*

Note: *The information used to confirm the compliance status of this product may include additional components not listed in Section 3.*

Section 16: Other Information

HMIS® 4th edition:
NFPA 704:

HEALTH	0
FLAMMABILITY	1
PHYSICAL	0
PPE Level	B



Note:
Additional information related to PPE levels can be found in 29 CFR 1910.120, Appendix B

Users of this product should follow the HMIS, 4th edition label (top left).

Note to reader:

The information herein is based on data considered accurate.
However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Economy Polymers & Chemicals assumes no responsibility for personal or property damage to vendors, users, or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

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