

SAFETY DATA SHEET

Vitamin K Soluble

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Vitamin K Soluble
PRODUCT CODES: CVE24
Cas No: N/A

USE: Mixture used as a feed supplement

MANUFACTURED FOR: Wynco Provisions, LLC
ADDRESS: 451 Agnes Dr.
Tontitown, AR 72770

CLEAR VIEW PHONE: 866-361-4689

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF MIXTURE:

GHS Classification in accordance with 29 CFR 1910

CAS# 7447-40-7

Skin Irritation (Category 3), H316
Eye Irritation (Category 2A), H319
Respiratory Irritation (Category 3), H335
Ingestion (Category 5), H303

CAS# 14451-99-1

Skin Irritation (Category 2), H315
Eye Irritation (Category 2), H319
Respiratory Irritation (Category 3), H335
Acute Aquatic Toxicity (Category 1), H400
Chronic Aquatic Toxicity (Category 1), H410

GHS LABEL ELEMENTS:

Pictogram:



Signal Word: Warning

Hazards not otherwise classified or covered by GHS: None known, hazards listed are for components found within the mixture.

For full text associated with H-Statements see Section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO.	% WT	Hazards
Potassium Chloride	7447-40-7	7-12%	H303, H316, H319, H335
Menadione Dimethylpyrimidinol Bisulfite	14451-99-1	>5%	H315, H319, H335, H400, H410

All other ingredients are non-hazardous or make up less than 1% of the total composition.

SECTION 3 NOTES: See section 16 for full H statements

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SECTION 4: FIRST AID MEASURES

EYES: Flush for 15 minutes with water. Seek medical advice

SKIN: Wash thoroughly with soap and water. Seek medical advice

INGESTION: Rinse mouth with water. Never give anything by mouth to unconscious person. Seek medical advice

INHALATION: Remove victim to fresh air. Seek medical advice

Most important effects both acute and chronic: None known

Indication of immediate medical attention and special treatment needed: None known

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water, Dry Powder, Foam, Carbon Dioxide (dependent on surrounding environment) (DO NOT USE WATER JET)

SPECIAL FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus for fire fighting if necessary. Avoid allowing runoff to waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Notify management of material spills. Use personal protection equipment during cleanup. Product spills should be swept up for disposal, avoid breathing dust. Avoid allowing material to get into waterways. Follow all federal, state and local regulations for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid inhalation and contact with eyes. Use suitable engineering controls for dust generation or wear suitable respiratory protection if engineering controls are insufficient. Wear suitable eye protection.

STORAGE: Store in a cool dry place away from sources of high heat. Keep away from children, pets, and unauthorized handling.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS: Ventilation Systems or Respiratory Protection

Chemical Name	CAS #	ACGIH TLV	OSHA PEL	NIOSH
Potassium Chloride	7447-40-7	5mg/m ³	15 mg/m ³	TWA: 10mg/m ³
Menadione Dimethylpyrimidinol Bisulfite	14451-99-1	10mg/m ³	-	-

RESPIRATORY PROTECTION: A NIOSH-approved respirator for dust, if needed.

EYE PROTECTION: Recommended NIOSH approved safety glasses

SKIN PROTECTION: Recommended Gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Suitable for work surroundings

WORK HYGIENIC PRACTICES: Wash hands before eating or smoking; do not eat or drink while handling product.

SECTION 8 NOTES: Precautions such as the following should be observed: dust masks or respirators and protective clothing should be worn; dust arresting equipment and adequate ventilation should be utilized; personal hygiene should be observed; shower before eating or leaving work site; be alert for signs of allergic reactions – Seek medical treatment if such reactions are suspected.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White crystalline powder

ODOR: None

PHYSICAL STATE: Solid

pH AS SUPPLIED: No data available

BOILING POINT: No data available

MELTING POINT: No data available

FREEZING POINT: No data available

FLASH POINT: No data available

VAPOR PRESSURE (mmHg): No data available

VAPOR DENSITY (AIR = 1): No data available

SPECIFIC GRAVITY (H₂O = 1): No data available

EVAPORATION RATE: Not applicable

SOLUBILITY IN WATER: Soluble

PERCENT VOLATILE: No data available

VOLATILE ORGANIC COMPOUNDS (VOC): No data available

MOLECULAR WEIGHT: Not Applicable

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES cont.

VISCOSITY: No data available

FLAMMABILITY:

UPPER FLAMMABILITY LIMIT: No data available

LOWER FLAMMABILITY LIMIT: No data available

RELATIVE DENSITY: No data available

PARTITION COEFFICIENT: No data available
n-octanol/water

AUTO-IGNITION TEMPERATURE: No data available

DECOMPOSITION TEMPERATURE: No data available

VISCOSITY: No data available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: No data available

STABILITY: Stable under recommended storage conditions

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents;

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

CAS#:7447-40-7

LD50 Oral Rat - 2600 mg/kg

Inhalation: No data available

Dermal: No data available

CAS#: 14451-99-1 LD50 Oral Rat - > 5000 mg/kg

Inhalation: No data available

Dermal: No data available

SKIN IRRITATION / CORRIOSION: May cause irritation

EYE IRRITATION / DAMAGE: May cause irritation

RESPIRATORY OR SKIN SENSITISATION: May cause irritation

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.

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SECTION 11: TOXICOLOGICAL INFORMATION cont.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

GERM CELL MUTAGENICITY: No data available

REPRODUCTIVE TOXICITY: No data available

SPECIFIC TARGET ORGAN:

Single Exposure: Inhalation – may cause respiratory irritation

Repeated Exposure: No data available

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY: No data available for the mixture

PERSISTENCE & DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL: No data available

MOBILITY IN SOIL: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Product spills should be swept up for disposal, avoid breathing dust. Follow all federal, state and local regulations for disposal.

SECTION 14: TRANSPORT INFORMATION

DOT (US): Non-hazardous goods

IMDG: Non-hazardous goods

IATA: Non-hazardous goods

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

302 REPORTABLE INGREDIENTS: This material does not contain any chemicals subject to reporting requirements of SARA Title III, Section 302.

311/312 HAZARD CATEGORIES: This material does not contain any chemicals subject to reporting requirements of SARA Title III, Section 302.

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SECTION 15: REGULATORY INFORMATION cont.

313 REPORTABLE INGREDIENTS: This material does not contain any chemicals subject to reporting requirements of SARA Title III, Section 302.

STATE REGULATIONS: This material does not contain any chemicals subject to reporting requirements of SARA Title III, Section 302.

California Prop. 65 Components: This material does not contain any chemicals on the California Prop. 65 list

SECTION 16: OTHER INFORMATION

HAZARD STATEMENTS:

H303: May be harmful if swallowed
H315: Causes skin irritation
H316: Can cause mild skin irritation
H319: Causes serious eye irritation
H335: May cause respiratory irritation
H400: Very toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects

OTHER INFORMATION:

Label for animal feed use only. Ingredients contained in this product are approved for use in a regulation of the Food and Drug Administration (21 CFR 172, 182, 184 and 582).

Certain components of animal feeds include medicated premixes; possess properties that may be potential health hazard or a source of personal discomfort to certain individuals who are exposed to them. Human exposure should therefore, be minimized by observing the general industry standards for occupational health and safety.

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