

SAFETY DATA SHEET

in-VIGOR-ate

FILE NO.: 514358
SDS DATE: 05/28/15

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: in-VIGOR-ate
PRODUCT CODES: 514358

MANUFACTURED FOR: ClearView Enterprises
ADDRESS: 451 Agnes
Tontitown, AR. 72770

EMERGENCY PHONE: 866-361-4689
CHEMTREC PHONE: 800-535-5053
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PREPARED BY: Anthony Flora

SECTION 1 NOTES:

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Not a Fire Hazard; Not an environmental hazard; Extreme over exposure may result in accumulation in some organs

ROUTES OF ENTRY: Skin, Inhalation, Eyes

POTENTIAL HEALTH EFFECTS

EYES: May cause burning and irritation

SKIN: May cause irritation and rash

INGESTION: May cause Nausea and Vomiting

INHALATION: May cause lung irritation and inflammation

ACUTE HEALTH HAZARDS:

CHRONIC HEALTH HAZARDS:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGENICITY

OSHA: ACGIH: NTP: IARC:
OTHER:

SECTION 2 NOTES:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>
Citric Acid Anhydrous: C ₆ H ₈ O ₇ ;	77-92-9		
Potassium Chloride; KCL	7447-40-7		
Sodium Chloride (Rock Salt)	7647-14-5		
Ascorbic Acid: C ₆ H ₈ O ₆ ;	50-81-7		

SECTION 3 NOTES:

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SECTION 4: FIRST AID MEASURES

EYES: FLUSH WITH WATER

SKIN: WASH WITH NON ABRASSIVE DETERGENT

INGESTION: GET MEDICAL ATTENTION

INHALATION: MOVE TO FRESH AIR

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: ALWAYS SEEK MEDICAL ATTENTION

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT:

F: N/A

C: N/A

METHOD USED:

AUTOIGNITION TEMPERATURE:

F: N/A

C: N/A

NFPA HAZARD CLASSIFICATION

HEALTH: N/A

FLAMMABILITY: N/A

REACTIVITY: N/A

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: N/A

FLAMMABILITY: N/A

REACTIVITY: N/A

PROTECTION: N/A

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

SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH approved PPE

UNUSUAL FIRE AND EXPLOSION HAZARDS: Be aware of possible hazards due to surrounding environment i.e. electrical, gas lines, confined spaces, etc.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Known

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Notify management of material spills. Product spills should be swept up for disposal, avoid breathing dust. Prevent dispersion of dust to water sources. Follow all federal, state and local regulations for disposal.

SECTION 6 NOTES:

SAFETY DATA SHEET

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SECTION 7: HANDLING AND STORAGE

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

OTHER PRECAUTIONS: Wash thoroughly after using this product.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: N/A

VENTILATION: Yes

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

EYE PROTECTION: Recommended

SKIN PROTECTION: Recommended Gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NIOSH Approved

WORK HYGIENIC PRACTICES: N/A

EXPOSURE GUIDELINES: N/A

SECTION 8 NOTES: Precautions such as the following should be observed: dust masks or respirators and protective clothing would 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 Crystals to light color

ODOR: mild

PHYSICAL STATE: Solid

pH AS SUPPLIED: N/A

pH (Other):

BOILING POINT:

F: N/A

C: N/A

MELTING POINT:

F: N/A

C: N/A

FREEZING POINT:

F: N/A

C: N/A

VAPOR PRESSURE (mmHg):

@

F: N/A

C: N/A

VAPOR DENSITY (AIR = 1):

@

F: N/A

C: N/A

SPECIFIC GRAVITY (H₂O = 1):

@

F: N/A

C: N/A

SAFETY DATA SHEET

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FILE NO.: 514358
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (cont.)

EVAPORATION RATE:

BASIS (=1):

SOLUBILITY IN WATER: Yes

PERCENT SOLIDS BY WEIGHT:

PERCENT VOLATILE:

BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER:	LBS/GAL
WITHOUT WATER:	LBS/GAL

MOLECULAR WEIGHT:

VISCOSITY:

@

F:

C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Excessive heat, ignition sources, damp storage areas, extreme or constant light

INCOMPATIBILITY (MATERIAL TO AVOID): Strong Oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Co and Co₂ from burning

HAZARDOUS POLYMERIZATION: Will not Occur

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Determined

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Determined

SECTION 12 NOTES: Prevent contamination of soil, ground and surface water.

SAFETY DATA SHEET

in-VIGOR-ate

SECTION 13: DISPOSAL CONSIDERATIONS

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SDS DATE: 05/28/15

WASTE DISPOSAL METHOD: Notify management of material spills. Product spills should be swept up for disposal, avoid breathing dust. Prevent dispersion of dust to water sources. Follow all federal, state and local regulations for disposal.

RCRA HAZARD CLASS:

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES: 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).

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SECTION 16: OTHER INFORMATION

OTHER INFORMATION: 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.

PREPARATION INFORMATION:

DISCLAIMER: The information contained herein, to the best of our knowledge, is true and accurate. Any recommendations or suggestions are made without warranty or guarantee, since the conditions of use are beyond our control. Nothing contained herein shall be construed to imply the non-existence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention without authority from the owner of the patent.