

BVS

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME: Dry Cider Vinergar	SIZE: All Sizes
MANUFACTURER: BVS	ADDRESS: Wilmar, MN
FOR INFORMATION ON HEALTH HAZARDS: 320-235-8611	INFORMATION EFFECTIVE AS OF NOVEMBER 2010

SECTION II

PRINCIPAL HAZARDOUS COMPONENTS: Tannic Acid Tanex A: CAS# 1401-55-4; C76H52O46; EINECS#215-753-2 Citric Acid Anhydrous: CAS#77-92-9 formula C6H8O7
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SECTION III PHYSICAL DATA

FLASH POINT: >198 Celcius	SPECIFIC GRAVITY: >1.665
VAPOR PRESSURE: Not Applicable	PER CENT VOLATILE: >587 Celcius
VAPOR DENSITY: Not Applicable	EVAPORATION RATE: Not Applicable
SOLUBILITY (WATERS): Soluble	
APPEARANCE: white to light yellow/tan	ODOR : None

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Water fog, foam, dry chemical, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should use NIOSH approved and full protective equipment when fighting chemical fire. SCBA required if excessive smoke is present.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May emit toxic fumes of carbon monoxide and carbon dioxide under fire conditions

SECTION V HEALTH HAZARD DATA

THRESHOLD VALUE LIMITS: NOT DETERMINED

EFFECTS OF OVEREXPOSURE: Extreme amounts of ingestion may cause liver damage.

EMERGENCY AND FIRST AID PROCEDURES: Eyes: Flush with plenty of water for 15 minutes. If irritation occurs see physician. : Skin: Harmful bgy skin absorption. Wash with soap and water. Get medical advise.

Ingestion: Get medical advise

Inhalation: Remove to fresh air Get medical attn if irritation persists. Material is irritating to mucous membranes and upper respiratory tract.

SECTION VI REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY: Strong oxidizing agents; strong bases

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes of Carbon monoxide and dioxide

HAZARDOUS POLYMERIZATION: Not Known

CONDITIONS TO AVOID: Not Known

SECTION VII SPILL OF LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WASTE DISPOSAL METHOD: Follow all federal, state, and local regulations for disposal. Contact a licensed waste disposal service. Dissolve with combustible solvent and burn in incinerator with after burner and scrubber. Ventilate area well. Wash after spill is picked up.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Dust Mask NIOSH/MSHA approved

VENTILATION:

LOCAL EXHAUST: Recommended

SPECIAL: None

MECHANICAL: None

OTHER: Wash hands

PROTECTIVE GLOVES: Rubber/chemical safe

EYE PROTECTION: Chemical safe w/ side shield

OTHER PROTECTIVE EQUIPMENT: Chemical safe clothing

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool dry place. Avoid heat and humidity

OTHER PRECAUTIONS: Avoid exposure to light. Keep in tightly closed container. Mechanical exhaust necessary.

SPECIAL PRECAUTIONS

Do not breathe dust. Safety shower and eye bath should be accessible.

CAUTION: Certain components of animal feeds, including medicated premixes, possess properties that may be a 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.

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 a work site; be alert for signs of allergic reactions - seek medical treatment if such reactions are suspected.

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