

**Safety Data Sheet**  
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 11/05/2015

Reviewed on 11/05/2015

**1 Identification**

- **Product identifier**
- **Trade name:** VITAMIN E 40% DLC
- **Article number:** EZP-034
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**

<b>Use of the Substance/Mixture</b>	<b>Premix for Animal Feeds</b>
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- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
EZ PAK, LLC  
P.O. BOX 185  
JEFFERSON, GA 30549
- **Distributor:**  
ClearView Enterprises  
451 Agnes Drive  
Tontitown, AR 72770
- Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585

**2 Hazard(s) identification**

**Emergency Overview**

**CAUTION**

**Physical state**-----liquid

**Odor**-----No information provided.

**Potential Health Effects:**

**Eyes** : Causes eye irritation

**Aggravated Medical Condition:** Eyes

**Symptoms of Overexposure** : No specific symptoms known.

**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.

**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,

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

**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.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Brief description of the product** : Mixture

**Hazardous Componentents**

<b>Component</b>	<b>CAS-No.</b>	<b>Weight percent</b>
n-propanol	71-23-8	5-10

**SECTION 4. FIRST AID MEASURES**

**General advice** : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.

**If inhaled** : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist Call a physician.

**In case of skin contact** : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.

**In case of eye contact** : Immediately flush eye (s) with plenty of water  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persist, consult a physician.

**If swallowed** : Clean mouth with water and drink afterwards plenty of Water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
Obtain medical attention.  
DO NOT induce vomiting.

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**Most important symptoms  
And effects, both acute and  
Delayed.** : No specific symptom known.

**Notes to physician** : Treat symptomatically.

<b>SECTION 5. FIREFIGHTING MEASURES</b>
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**Flammable properties**

**Flash point** : 127.9°F-(53.3°C)  
**Ignition temperature** : not determined  
**Lower explosion limit** : not determined  
**Upper explosion limit** : not determined

**Fire fighting**

**Suitable extinguishing media** : Alcohol-resistant foam  
 Dry chemical  
 Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Further information** : Standard procedure for chemical fires.

**Protective equipment and precautions for firefighters**

**Specific hazards during fire-fighting** : None known

**Special protective equipment for  
Fire-fighters** : In the event of fire, wear self-contained breathing apparatus.

<b>SECTION 6. ACCIDENTAL RELEASE MEASURES</b>
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**Personal precautions, protective  
equipment and emergency  
procedures.** :Use personal protective equipment  
Ensure adequate ventilation.

**Environmental precautions** : Try to prevent the material from entering drains  
Or water courses.

**Methods and materials for  
containment and cleaning up.** : Soak up with inert absorbent maerial (e.g.,sand,  
silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

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**SECTION 7. HANDLING AND STORAGE**

**Advice on safe handling**

: **Avoid contact with skin and eyes.  
For personal protection see Section 8.  
Smoking, eating and drinking should be prohibited  
in the application area.**

**Advice on protection against  
fire and explosion**

: **Keep away from sources of ignition-No smoking.  
Take measures to prevent the build up of electrostatic  
charge.  
Avoid formation of aerosol.**

**Conditions for safe storage**

: **No smoking  
Keep container tightly closed and dry.**

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters.

Components	CAS-No.	Value type (form of exposure)	Control parameters/ Permissible concentration	Basis
n-propanol	71-23-8	TWA	100 ppm	ACGIH
		TWA	200 ppm 500 mg/m <sup>3</sup>	OSHA Z-1
		TWA	200 ppm 500 MG/M <sup>3</sup>	NIOSH REL
		ST	250 PPM 625 MG/M <sup>3</sup>	NIOSH REL

### Personal protective equipment

Respiratory protection	: In the case of vapor formation us a respirator with an approved filter.
Hand protection	: Glove material: for example nitrile rubber.  Consider the hazard characteristics of this product and any special workplace conditions when selecting the appropriate type of protective gloves. Solvent-resistant gloves.
Eye protection	:Safety glasses with side-sheilds.
Skin and body protection	: Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the Work day.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties.

<b>Appearance</b>	<b>: liquid</b>
<b>Odour</b>	<b>: No information available</b>
<b>Odour Threshold</b>	<b>: No information available</b>
<b>pH</b>	<b>: No data available</b>
<b>Melting point/range</b>	<b>: not determined</b>
<b>Boiling point/boiling range</b>	<b>: 95.4°C</b>
<b>Flash point</b>	<b>: 53.3°C</b>
<b>Evaporation rate</b>	<b>: not determined</b>
<b>Lower explosion limit</b>	<b>: not determined</b>
<b>Upper explosion limit</b>	<b>: not determined</b>
<b>Vapour pressure</b>	<b>: not determined</b>
<b>Relative vapour density</b>	<b>: Not applicable</b>
<b>Density</b>	<b>: not determined</b>
<b>Water Solubility</b>	<b>: not determined</b>
<b>Partition coefficient: n-octanol/water</b>	<b>: Not applicable</b>
<b>Auto-ignition temperature</b>	<b>: No data available</b>
<b>Ignition temperature</b>	<b>: not determined</b>
<b>Thermal decomposition</b>	<b>: No data available</b>
<b>Viscosity, dynamic</b>	<b>: not determined</b>
<b>Explosive properties</b>	<b>: No data available</b>
<b>Oxidizing properties</b>	<b>: No data available</b>

### 9.2 Other information

No data available

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## SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	: No hazards to be specially mentioned.
<b>Chemical stability</b>	: Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	: Possible incompatibility with materials listed under section 10.5.
<b>Conditions to avoid</b>	: Heat, flames and sparks.
<b>Incompatible materials</b>	: Strong acids and strong bases. Strong oxidizing agents.
<b>Hazardous decomposition products</b>	: No decomposition if used as directed.

## SECTION 11. TOXICOLOGICAL INFORMATION

<b>Skin irritation</b>	: May cause skin irritation in susceptible persons.
<b>Eye irritation</b>	: May irritate eyes.
<b>STOT-single exposure Acute exposure n-propanol</b>	: May cause drowsiness or dizziness.
<b>Further information</b>	: May cause irritation of respiratory tract. Solvents may degrease skin.

## SECTION 12. ECOLOGICAL INFORMATION

<b>Toxicity</b>	No data is available on the product itself.	
<b>Persistence and degradability</b>	No data is available on the product itself.	
<b>Bioaccumulation potential</b>		
<b>Bioaccumulation</b>		: No data available
<b>Partition coefficient: n-octanol/water</b>		: Not applicable
<b>Mobility in soil</b>		
<b>Distribution among environmental compartments.</b>		: No data available

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**Results of PBT and vPvB assessment**

**Assessment** : Not applicable

**Other adverse effects**

**Regulation** : 40 CFR Protection of Environment, Part 82 Protection of Stratospheric Ozone – CAA section 602 Class 1 Substances.

**Remarks** : This product neither contains, nor was manufactured with a Class I or Class ii ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt, A. App, A+ B).

**Additional ecological information** : There is no data available for this product.

<b>SECTION 13. DISPOSAL CONSIDERATIONS</b>
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**Disposal methods**

**Waste from residues** : Do not contaminate ponds, waterways or ditches with chemical Or used container.  
Do not dispose of waste into sewer.  
Offer surplus and non-recyclable solutions to a licensed disposal Company.  
  
User must determine if any wastes generated exhibit hazardous characteristics as per 40 CFR Part 261 or other national/local legislation.

**Contaminated packaging** : Do not burn, or use a cutting torch on the empty drum.  
Dispose of as unused product.  
Do not re-use empty containers.



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<b>SECTION 14. TRANSPORT INFORMATION</b>
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**International Regulation****IATA-DGR**

<b>UN/ID No.</b>	<b>:UN 1993</b>
<b>Proper shipping name</b>	<b>: Flammable liquid, n.o.s. (n-propanol)</b>
<b>Class</b>	<b>: 3</b>
<b>Packing group</b>	<b>: III</b>
<b>Labels</b>	<b>: Flammable Liquids</b>
<b>Packing instructions (cargo aircraft)</b>	<b>:366</b>
<b>Packing instruction (passenger aircraft)</b>	<b>:355</b>

**IMDG-Code**

<b>UN number</b>	<b>:UN 1993</b>
<b>Proper shipping name</b>	<b>: FLAMMABLE LIQUID, N.O.S (n-propanol)</b>
<b>Class</b>	<b>:3</b>
<b>Packing group</b>	<b>: III</b>
<b>Labels</b>	<b>: 3</b>
<b>EmS Code</b>	<b>: F-E,S-E</b>
<b>Marine Pollutant</b>	<b>: no</b>

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
Not applicable for product as supplied.**

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**49 CFR**

UN/ID.NA number : UN 1993

Proper shipping name : Flammable liquids, n.o.s.  
(n-propanol)

Class : 3

Packing group : III

Labels : FLAMMABLE LIQUID

ERG code : 128

Marine pollutant : no

Remarks : No additional requirements

<b>SECTION 15. REGULATORY INFORMATION</b>
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**EPCRA – Emergency Planning and Community Right-to-Know Act**

**CERCLA Reportable Quantity** : this material does not contain any components with a CERCLA RQ

**SARA 304 Extremely Hazardous Substances Reportable Quantity**  
: This product does not contain any components with a Section 304 EHS RQ.

**SARA 311/312 Hazards** : Fire Hazard  
Acute Health Hazard

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold ( De Minimis) reporting levels established by SARA Title III, Section 313

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68,130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMi intermediate or Final VOC's (40 CFR 60, 489):

n-propanol	71-23-8	6.9652%
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**Clean Water Act**

**This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.**

**This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.**

**This product does not contain any toxic pollutants listed under the U.S. CleanWater Act Section 307.**

**Massachusetts Right To Know**

n-propanol	71-23-8
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**Pennsylvania Right To Know**

3,4-dihydro-2,5,7,8-tetramethyl-2 (4,8,12-trimethyltridecyl)-2H-benzopyran- 6-yl acetate	7695-91-2
Polyoxyethylene monoleate	9004-96-0
Poloxyethylene sorbitan monooleate	9005-65-6
n-propanol	71-23-8

**New Jersey Right To Know**

3,4-dihydro-2,5,7,8-tetramethyl-2 (4,8,12-trimethyltridecyl)-2H-benzopyran- 6-yl acetate	7695-91-2
Polyoxyethylene monoleate	9004-96-0
Poloxyethylene sorbitan monooleate	9005-65-6
n-propanol	71-23-8

**The components of this product are reported in the following inventories:**

<b>TSCA</b>	<b>On TSCA Inventory</b>
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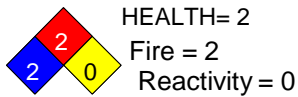
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## SECTION 16. OTHER INFORMATION

### Further information

NFPA:



HMI  
S III

HEALTH	3
FIRE	2
PHYSICAL HAZARD	0

0=NON SIGNIFICANT. 1=SLIGHT  
2= MODERATE. 3= HIGH  
4= EXTREME. \*= CHRONIC

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific materials designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**Abbreviations:** ACGHI = American Conference of Governmental Industries Hygienist. CERCLA = Comprehensive Environmental Response, Compensation and Liability Act. CFR = Code of Federal Regulations. CPR = Controlled Products Regulations. DSL = Canadian Domestic Substance List. DOT = Department of Transportation. EINECS = European Inventory of New and Existing Chemical Substances. EPA = Environmental Protection Agency. HCS = Hazardous Communication Standard. HEPA = High Efficiency Particulate Air. HMIS = Hazardous Material Identification System. IARC = International Agency for Research on Cancer. IATA = International Air Transport Association. IMDG = International Maritime Dangerous Good. NFPA = National fire Protection Association. NIOSH = National Institute of Occupational Safety and Health. NJTSR = New Jersey Trade Secret Registry. NTP = National Toxicology Program. OSHA = Occupational Safety and Health Administration. SARA = Superfund Amendments and Reauthorization Act. TDG = Threshold Limit Value. TSCA = Toxic Substance Control Act. WHMIS = Workplace hazardous Material Information System.