

VITAMIN D3E

Version 1.0

Revision Date 03/16/2015

Print Date 03/16/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : VITAMIN D3E
Relevant identified uses of the substance or mixture and uses advised against
Use of the Substance/Mixture : Premix for Animal Feeds

1.2 Details of the supplier of the safety data sheet

Company : Paragon Specialty Products, LLC.
411 Ranch Road
Rainsville, AL 35986
Telephone : (256) 638-9636
Telefax : (256) 638-9637
E-mail address : paragonprod@farmerstel.com

1.3 Emergency telephone number

Emergency # 1-800-424-9300 (24 HR CHEMTREC)

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview****Caution**

Form: liquid, Odour: No information available.

OSHA Hazards : COMBUSTIBLE LIQUID
HARMFUL BY INGESTION.
MODERATE SKIN IRRITANT
SEVERE EYE IRRITANT

Potential Health Effects

Primary Routes of Entry : Skin Absorption

Aggravated Medical Condition : Eyes

Skin : May cause skin irritation.

Eyes : Causes eye irritation.

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.

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.

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.

ACGIH

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

VITAMIN D3E

Version 1.0

Revision Date 03/16/2015

Print Date 03/16/2015

by ACGIH.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Brief description of the product : Mixture

Hazardous components

Component	CAS-No.	Weight percent
n-propanol	71-23-8	5 - 10
ethoxyquin	91-53-2	5 - 10

SECTION 4. FIRST AID MEASURES**First aid procedures**

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
- Inhalation : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.
- Skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- 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 persists, consult a specialist.
- Ingestion : 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.

Notes to physician

- Symptoms : No specific symptoms known.
- Treatment : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES**Flammable properties**

- Flash point : 122 °F (50 °C)
- Lower explosion limit : not determined
- Upper explosion limit : not determined

Fire fighting

VITAMIN D3E

Version 1.0

Revision Date 03/16/2015

Print Date 03/16/2015

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 firefighting : None known.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protective equipment.
 Ensure adequate ventilation.

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

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

SECTION 7. HANDLING AND STORAGE

Handling

Handling : Avoid contact with skin and eyes.
 For personal protection see section 8.
 No special handling advice required.
 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.

Storage

Requirements for storage areas and containers : No smoking.
 Keep container tightly closed and dry.

Advice on common storage : No special restrictions on storage with other products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
n-propanol	71-23-8	TWA	100 ppm	2013-03-01	ACGIH
Upper Respiratory Tract irritation					

Material Safety Data Sheet

PSP, LLC.

VITAMIN D3E

Version 1.0

Revision Date 03/16/2015

Print Date 03/16/2015

	Eye irritation Not classifiable as a human carcinogen				
		TWA	200 ppm 500 mg/m3	1997-08-04	OSHA Z-1
	The value in mg/m3 is approximate.				
		TWA	200 ppm 500 mg/m3	2013-10-08	NIOSH REL
	Potential for dermal absorption				
		ST	250 ppm 625 mg/m3	2013-10-08	NIOSH REL
	Potential for dermal absorption				

NIOSH IDLH (Immediately Dangerous to Life or Health Concentrations)

Substance name	CAS-No.	Control parameters
n-propanol	71-23-8	Immediately Dangerous to Life or Health Concentration Value 800 parts per million

Engineering measures

For technical measures see section 7.

Personal protective equipment

Eye protection : Safety glasses with side-shields

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

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.
No personal respiratory protective equipment normally required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Odour : No information available.

Odour Threshold : No information available.

Safety data

VITAMIN D3E

Version 1.0

Revision Date 03/16/2015

Print Date 03/16/2015

Flash point	: 50 °C
Ignition temperature	: not determined
Thermal decomposition	No data available
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Explosive properties	: No data available
Oxidizing properties	: No data available
Auto-ignition temperature	: No data available
pH	: No data available
Melting point/range	: not determined
Boiling point/boiling range	: not determined
Vapour pressure	: not determined
Density	: not determined
Water solubility	: not determined
Partition coefficient: n-octanol/water	: not applicable
Viscosity, dynamic	: not determined
Relative vapour density	: not applicable
Evaporation rate	: not determined

SECTION 10. STABILITY AND REACTIVITY

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

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity ethoxyquin	: LD50 (rat): 800 mg/kg
--------------------------------	-------------------------

Material Safety Data Sheet

PSP, LLC.

VITAMIN D3E

Version 1.0

Revision Date 03/16/2015

Print Date 03/16/2015

Skin irritation : May cause skin irritation in susceptible persons.

Eye irritation : May irritate eyes.

STOT - single exposure (Acute exposure)
n-propanol : May cause drowsiness or dizziness.

Further information : May cause irritation of respiratory tract.
Solvents may decrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to daphnia and other aquatic invertebrates
ethoxyquin : Crustaceans
EC50 (48 h) 2 mg/l

No data is available on the product itself.

Persistence and degradability

No data is available on the product itself.

Bioaccumulative potential

Bioaccumulation : No data available
Partition coefficient: n-
octanol/water : not applicable

Mobility in soil

Distribution among
environmental compartments : No data available

Results of PBT and vPvB assessment

Assessment : not applicable

Other adverse effects

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

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : 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.

VITAMIN D3E

Version 1.0

Revision Date 03/16/2015

Print Date 03/16/2015

Dispose of as unused product.
Do not re-use empty containers.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION**DOT**

UN Number : 1993
Description of the goods : Flammable liquids, n.o.s.
(n-propanol)
Class : 3
Packing group : III
Labels : 3
Emergency Response : 128
Guidebook Number :
Environmentally hazardous : no

IATA

UN number : 1993
Description of the goods : Flammable liquid, n.o.s.
(n-propanol)
Class : 3
Packing group : III
Labels : 3
Packing instruction (cargo aircraft) : 366
Environmentally hazardous : no

IMDG

UN number : 1993
Description of the goods : FLAMMABLE LIQUID, N.O.S.
(n-propanol)
Class : 3
Packing group : III
Labels : 3
EmS Number 1 : F-E
EmS Number 2 : S-E

Marine pollutant : no

Special precautions for user

Other information : No additional requirements.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : Combustible Liquid, Harmful by ingestion., Moderate skin irritant, Severe eye irritant

CERCLA Reportable Quantity :

This material does not contain any components with a CERCLA RQ.

SARA 311/312 Hazards : Fire Hazard

VITAMIN D3E

Version 1.0

Revision Date 03/16/2015

Print Date 03/16/2015

Acute Health Hazard

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302 Reportable Quantity : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
 This material does not contain any components with a SARA 302 RQ.
 SARA 304 Extremely Hazardous Substances : This material does not contain any components with a section 304 EHS RQ.
 SARA 313 Components : 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

Ozone-Depletion Potential : 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).
 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).
 This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).
 The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489):

n-propanol	6.9652 %
------------	----------

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.

US State Regulations

Massachusetts Right To Know

Components	: n-propanol	71-23-8
------------	--------------	---------

Pennsylvania Right To Know

Components	: MAZOL PG 810, Bags	
	polyoxyethylene sorbitan monooleate	9005-65-6
	3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-yl acetate	7695-91-2
	n-propanol	71-23-8
	ethoxyquin	91-53-2

New Jersey Right To Know

Components	: MAZOL PG 810, Bags	
	polyoxyethylene sorbitan monooleate	9005-65-6
	3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-yl acetate	7695-91-2
	n-propanol	71-23-8
	ethoxyquin	91-53-2

VITAMIN D3E

Version 1.0

Revision Date 03/16/2015

Print Date 03/16/2015

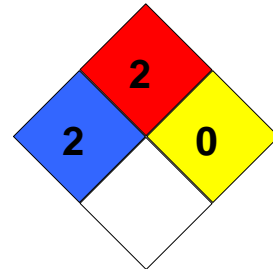
The components of this product are reported in the following inventories:

TSCA	Not On TSCA Inventory MAZOL PG 810, Bags
DSL	This product contains the following components that are not on the Canadian DSL nor NDSL. MAZOL PG 810, Bags

SECTION 16. OTHER INFORMATION**Further information**

HMIS Classification : Health hazard: 3
Flammability: 2

NFPA Classification : Health hazard: 2
Fire Hazard: 2
Reactivity Hazard: 0



The information provided in this 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 material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

E-mail address: paragonprod@farmerstel.com

Abbreviations: ACGIH = American Conference of Governmental Industrial Hygienists. 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 = Transportation of Dangerous Goods. TLV = Threshold Limit Value. TSCA = Toxic Substance Control Act. WHMIS = Workplace Hazardous Materials Information System.