

### 1. PRODUCT IDENTIFICATION AND COMPANY INFORMATION

<b>Product Name</b>	Smart D
<b>Product Description</b>	25 Hydroxyvitamin D3 $\geq$ 83.3 mg/lb
<b>Brand</b>	Nutribins
<b>Identified Use</b>	For further manufacture of animal feeds
<b>Company</b>	Nutribins LLC, 440 N Barranca Ave. #5205, Covina, CA 91723
<b>Telephone</b>	1- 866-605-0588
<b>Emergency Phone</b>	1- 800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

<b>Physical Hazards</b>	Not classified
<b>Health Hazards</b>	Not classified
<b>Signal Word</b>	Not classified
<b>Hazard Statements</b>	Not classified

#### Prevention Precautionary Statements

None

#### Response Precautionary Statements

None

#### Storage Precautionary Statements

None

#### Disposal Precautionary Statements:

Dispose of contents/container in accordance with local/ regional/ national/ international regulation

#### Other Hazards:

No data available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

25-hydroxyvitamin D3	CAS 63283-36-3	83.3 mg/lb
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### 4. FIRST AID MEASURES

#### Skin Exposure

In case of skin contact, flush with copious amounts of water. If irritation persists, call a physician.

#### Eye Exposure

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

#### Inhalation Exposure

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician.

#### Oral Exposure

If swallowed, wash out mouth with water provided person is conscious. Call a

physician.

**Most important symptoms and effects, both acute and delayed**

No data available

**Indication of any immediate medical attention and special treatment needed**

No data available

## 5. FIRE FIGHTING MEASURES

**Extinguishing media**

Suitable: Water spray, dry powder, foam, carbon dioxide

**Special hazards arising from the substance or mixture**

Dust explosion hazard

**Advice for firefighters**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precaution, protective equipment and emergency procedures**

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid breathing dust. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

**Environmental precautions**

Do not let product enter drains. Avoid release to the environment.

**Methods and materials for containment and cleaning up**

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

## 7. HANDLING AND STORAGE

**Handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Storage**

Store in tightly closed original container, protected from light, in a dry place at room or lower temperature. Use within a short period if opened. Validity: 12 months  $\leq 25^{\circ}\text{C}$ .

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

Not set up

**Appropriate engineering controls**

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

**Personal Protective Equipment**

Respiratory: Wear government approved respirator

Eye: Wear chemical safety glasses

Clothing: Wear appropriate protective clothing

Hand: Wear compatible protective gloves

**Other Protect**

No smoking, drinking and eating at working site.

Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White to off-white Powder
<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>pH Value</b>	No data available
<b>Solubility</b>	Dispersible, water
<b>Melting point/Freezing point</b>	No data available
<b>Boiling Point, Initial Boiling Point and Boiling Range</b>	Not applicable
<b>Flash Point (Closed Cup)</b>	Not applicable
<b>Density/Relative Density</b>	No data available
<b>Density Viscosity</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>n-Octanol/Water</b>	
<b>Partition Coefficient</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Flammability (Solid, Gas)</b>	Not classified in Division 4.1 Flammable Solids

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable under recommended condition
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	Light, Warming, Humidity, Air
<b>Incompatible materials</b>	Strong oxidizing agents, acid chlorides, acid anhydrides
<b>Hazardous Decomposition Products</b>	Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Oral LD50 ≥200mg/kg (oral, rat, pure product, 25-Hydroxy Vitamin D3) ≥800mg/kg (oral, rat, pure product, BHT) ≥800mg/kg (injection, rat, pure product, BHT)
<b>Skin Corrosion/Irritation</b>	Non-irritant
<b>Serious eye damage/irritation</b>	Non-irritant
<b>Respiratory or skin sensitization</b>	No data available.
<b>Germ cell mutagenicity</b>	Not mutagenic (Ames test).
<b>Carcinogenicity</b>	

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.

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 on

OSHA's list of regulated carcinogens.

<b>Reproductive toxicity</b>	may lead to malformations at dose levels that cause maternal toxicity
<b>Specific target organ toxicity</b>	
- <b>Single exposure</b>	No data available
<b>Specific target organ toxicity</b>	
- <b>repeated exposure</b>	Chronic overdosage may lead to formation of renal calculi, bone demineralisation and formation of calcination foci in lung and kidneys up to renal insufficiency. NOAEL 0.012 mg/kg/d (oral, rat; 180 d)
<b>Aspiration hazard</b>	No data available

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Other adverse effects</b>	No data available

## 13. DISPOSAL CONSIDERATIONS

### Appropriate Method of Disposal of Substances:

Observe all federal, state, and local environmental regulations.

## 14. TRANSPORT INFORMATION

<b>RID/ADR</b>	Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.
<b>IATA DGR</b>	Non-Hazardous for Air Transport
<b>IMO IMDG CODE</b>	Non-Hazardous for Sea Transport

## 15. REGULATORY INFORMATION

### SARA 302 Components

This material does not contain any components with a section 302 EHS TPQ.

### SARA 313 Components

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.

## 16. OTHER INFORMATION

**Revision Date:** 2022-9-10

### Disclaimer

This 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 specific in the text.