Material Safety Data Sheet of Vitamin AD3 (Feed Grade)

Section 1: Product and Company Identification

- Product identifiers

Product name: Vitamin AD3 1000/200 (Feed Grade)

CAS-No.: Vitamin A CAS #: 127-47-9; Vitamin D3 CAS #: 67-97-0.

Description: Vitamin Ad3 is a type of vitamin manufactured through chemical synthesis.

- Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Feed for animals

- Details of the supplier of the safety data sheet

Company: Rawpharma Biz Private Limited.
1101-CITY CENTRE-2, BESIDE SUKAN MALL, SCIENCE CITY ROAD, SOLA
Ahmedabad, Gujarat, 380060.

Telephone: 9879522397

Email Id: info@rawpharmabiz.com

Section 2: Hazards Identification

Label Regulated First Aid Statement If poisoning occurs contact a doctor or the Poisons Information Centre. Phone Australia 13 11 26.

Scheduled Poisons This product is not scheduled.

Inhalation Move affected person to fresh air and keep at rest until recovered and seek medical attention.

Skin contact If sprayed on skin, wash thoroughly. If sprayed in mouth rinse mouth immediately with water. Seek medical attention in event of irritation.

Eye contact If in eyes, hold eyes open, flood with water for at least 15 minutes and seek medical advice.

Ingestion If swallowed, do not induce vomiting. Give a glass of water. Seek medical attention

Advice to doctor Place patients with vitamin D toxicity on a low-calcium diet. Consider oral calcium disodium edetate to increase faecal excretion of calcium. In cases of severe hypercalcemia, patients may require hydration, diuretics, steroids or calcitonin.

Section 3: Composition/Information On Ingredients

Vitamin Ad3:

"VA≥ 1000,000IU/kg,VD3≥200,000IU/kg"

Hazardous impurities: Heavy Metals ≤10 PPM, Lead ≤2 PPM, Arsenic ≤1 PPM

Section 4: First-Aid Measures

Contact with eyes: Flush immediately with plenty of water for 15 minutes and seek medical advice

Contact with skin: Wash the affected area with water, remove contaminated clothing and launder before re-use. Seek medical advice if irritation develops or persists.

Ingestion: Rinse mouth thoroughly with water and drink water afterwards.

Inhalation: Remove from exposure, move to fresh air and seek medical advice immediately. .

Section 5: Fire-fighting Measures

Flammability Combustible.
Extinguishing Media Foam, dry chemical powder, BCF (where permitted), carbon dioxide, water spray or fog. Fire and Explosion Hazards Slight fire hazard when exposed to heat or flame. Heating may cause expansion or decomposition leading to violent rupture of containers. Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches, pool chlorine etc. as ignition may result.
Hazardous Combustion Products On combustion, may emit toxic fumes of carbon monoxide and acrid smoke. Combustion products include carbon dioxide (CO2), other pyrolysis products typical of burning organic material.
Fire Fighting Wear self-contained breathing apparatus and protective gloves.
In well ventilated areas wear full face mask with a combination filter. (Offers no protection from carbon monoxide). In enclosed premises: respirator with independent air supply DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from protected location. If safe, remove containers from path of the fire.

Section 6: Accidental Release Measures

Measures in case of accidental release

When the spilled material is cleaned up with an absorbent material, attention should be paid to the possibility of exothermic autooxidation (self -ignition) in the presence of air, even at room temperature: store in the absence of air (e.g. in water) and send for incineration (or dispose of in accordance with local regulations). Personal precautions, protective equipment and emergency procedures Evacuate personnel to safe areas.

Use personal protective equipment.

Ensure adequate ventilation.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and 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.

Reference to other sections

For personal protection see section 8.

For disposal considerations see section 13.

Section 7: Handling and Storage

Precautions for safe handling Advice on safe handling:

Avoid exposure - obtain special instructions before use.

For personal protection see section 8.

Dispose of rinse water in accordance with local and national regulations.

Handle under inert gas.

Smoking, eating, and drinking should be prohibited in the application area.

Advice on protection against fire and explosion:

Take necessary action to avoid static electricity discharge.

Product will burn under fire conditions.

Conditions for safe storage, including any incompatibilities Requirements for storage areas and containers:

Protect against light.

Keep under inert gas.

Keep container tightly closed and dry.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature: Store below 25°C (Air conditioning) in the closed, original container, in a dry, well-ventilated area. Protect from sunlight.

Containers should always be kept closed in storage and stored in original labeled container. Keep out of reach of children.

Specific end use(s) Specific use(s): Not applicable.

Section 8: Exposure Controls/Personal Protection

Exposure Limits Exposure limits have not been established by NOHSC for this formulation.

Ventilation Natural ventilation should be adequate under normal use conditions. If the air concentration of vapor or mist is high, the process should be modified to reduce the problem. Keep containers closed when not in use.

Eye Protection Avoid contact with eyes. Wear protective eyewear. After each day's use, wash goggles.

Skin Protection Avoid contact with skin. No skin protection is required under normal conditions of use. Under other conditions of use wear rubber gloves. Wash hands before breaks and at end of work

Respirator Do not inhale vapor. No respirator is required under normal conditions of use.

Section 9: Physical and Chemical Properties

- Information on basic physical and chemical properties

Appearance	Yellowish Free-Flowing particles
Odor	No data available
Odor threshold	No data available
PH	No data available
Melting Point/Freezing Point	No data available
Initial boiling point and boiling range	No data available
Flash Point	43C (109F)

Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Upper/lower flammability or exposure limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	No data available
Water Solubility	It is cold water soluble 90% min, and bioavailable form of the fat soluble.
Partial coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Section 10: Stability and Reactivity

Reactivity

No hazards to be specially mentioned.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

In case of extensive air contact (e.g., soaked rags, moistened clothes) an exothermic autooxidation (self-ignition) is possible. Conditions to avoid Heat.

Exposure to air.

Incompatible materials

Strong acids and strong bases.

Strong oxidizing agents.

Hazardous decomposition products

No decomposition if used as directed.

Section 11: Toxicological Information

Information on toxicological effects

ACUTE

No adverse health effects are expected, if the product is handled in accordance with this Safety Data Sheet and the product label.

Symptoms that may arise if the product is mishandled are:

Ingestion: Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Eye: May be an eye irritant.

Skin: Contact with skin may result in irritation.

Inhalation: Toxic by inhalation.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Photodegradation retinyl palmitate: Decomposes rapidly in contact with light.

No data is available on the product itself.

Bio accumulative potential Bioaccumulation: No data available.

Partition coefficient: noctanol/water: Not applicable.

Mobility in soil

Distribution among environmental compartments: No data available.

Results of PBT and vPvB assessment Assessment: Not determined.

Other adverse effects

Additional ecological information: May cause long-term adverse effects in the aquatic environment.

Section 13: Disposal Considerations

After Intended Use Dispose of empty container by wrapping with paper and placing in garbage.

After spill or accident Dispose of sealed containers at an approved local waste disposal site.

Section 14: Transport Information

UN number

ADR Not dangerous goods.

RID Not dangerous goods.

IMDG Not dangerous goods. IATA

Not dangerous goods.

Proper shipping name

ADR Not dangerous goods.

RID Not dangerous goods.

IMDG Not dangerous goods. IATA

Not dangerous goods.

Transport hazard class

ADR Not dangerous goods.

RID Not dangerous goods.

IMDG Not dangerous goods. IATA

Not dangerous goods.

Packing group

ADR Not dangerous goods.

RID Not dangerous goods.

IMDG Not dangerous goods. IATA

Not dangerous goods.

Environmental hazards

ADR Not dangerous goods.

RID Not dangerous goods.

IMDG Not dangerous goods.

IATA Not dangerous goods.

Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No

data available.

Section 15: Regulatory Information

Poisons Schedule Not scheduled

APVMA Registration The product is registered by the APVMA.

Registration Number 35995

Labelling All necessary directions, precautions, and warnings for normal use of the product are included on the product label.

Section 16: Other Information

- Summary of Changes GHS Update
- Acronyms

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail

APVMA Australian Pesticides and Veterinary Medicines Authority

CAS Chemical Abstracts Service Registry Number

GHS Globally Harmonized System of Classification and Labelling of Chemicals

HDPE High density polyethylene

LDPE Low density polyethylene

OECD Organization for Economic Co-operation and Development

STOT Specific Target Organ Toxicity

SUSDP Standard for the Uniform Scheduling of Drugs and Poisons

TWA Time Weighted Average – average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

UN Number United Nations number

Disclaimer

Additional references can be taken from the label or the product description. The information given here is correct to the best of our knowledge at the time of writing this sheet. No responsibility can be taken for improper use or handling of the product.