

Micro D[®] 1000
(Cholecalciferol Source) Vitamin D₃

Description

Mineral stable Vitamin D₃ in a protective matrix of carbohydrate formed into flakes.

Potency

1,000,000 ICU per gram Vitamin D₃

Characteristics

Color: Tan

Odor: Bland

Moisture: < 4%

Solubility: Water miscible

Appearance: Dry, free flowing flakes or platelets

Size: Nearly all passes on a 20 mesh screen, nearly all remains on 200 mesh; majority of particles are between 20 and 60 mesh

Bulk Density: Packed is typically 26 lb/CF

Packaging

25 kilogram (55.1 lbs) drum with PE liner

Storage

Store in cool, dry location. Refrigeration recommended if held more than four (4) months in warm weather.

Clearance and Safety

Vitamin D₃ is generally recognized as safe (GRAS) when used in accordance with good manufacturing or feeding practices (21 CFR Section 582.5953)

SECTION VI - REACTIVITY DATA

General Reactivity: Unreactive; decomposition to inactive products exacerbated by heat and light.

Incompatibility (Materials to Avoid): None.

Hazardous Decomposition Products: None.

Hazardous Polymerization: Does not polymerize.

Conditions to Avoid: Prolonged exposure to extremes of heat and light.

SECTION VII - SPILL PROCEDURES/DISPOSAL REQUIREMENTS

Steps To Be Taken In Case Material Is Released Or Spilled: Vacuum spilled material; transfer to heavy paper bag.

Waste Disposal Method: Bury in approved landfill or incinerate; Product is biodegradable.

Container Disposal: Bury in approved landfill or incinerate; Product is biodegradable.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Eye Protection	Gloves
No special requirements.	No special requirements.
Respiratory	Ventilation
Avoid breathing dust; wear disposable filter mask when handling.	No special requirements.

SECTION IX - SPECIAL PRECAUTIONS

Storage Requirements: Store in cool, dry location in plastic bags in cardboard boxes.

Material of Construction: Cardboard boxes with poly liners.

Labeling: No special labeling required.

SECTION X - SHIPPING REGULATIONS (D.O.T. NOMENCLATURE)

Proper Shipping Name		
Generally regarded as safe (GRAS 21CFR 582.5953)-does not fall under D.O.T.regulations.		
Hazard Class	Type of Packaging	Label
N/A	N/A	N/A
Placard	Marking	Exemptions
N/A	N/A	Exempt from D.O.T. regulations.

SECTION XI - NOTES