

MATERIAL SAFETY DATA SHEET

CALCIUM PHOSPHATE DIBASIC

I IDENTIFICATION:

BioShop Canada Inc.
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Burlington, Ontario L7L 6A4
1-800-234-1179

Emergency Telephone No.: 1-905-466-3832
Chemical Name: Calcium phosphate dibasic
Catalog Number: CPD801
Molecular Formula: CaHPO₄
Molecular Weight: 136.06
WHMIS Classification: D2B
TSCA Status: listed on the TSCA Inventory

II COMPOSITION/ INGREDIENTS:

	CAS #	%
Calcium phosphate dibasic:	7757-93-9	100

III HAZARDS/TOXICOLOGICAL PROPERTIES:

Routes of entry: Eyes, skin, inhalation, Ingestion.

Target Organs: Eyes.

Eyes: Causes irritation and potential corneal damage

Skin: Causes irritation. Particularly if skin is moist.

Inhalation: May cause irritation.

Ingestion: May cause severe irritation to GI tract. May be harmful if swallowed.

CHRONIC HEALTH HAZARDS: No information found.

Exposure Limits:

LD50: N/A

Epidemiology: No data available

Teratogenicity: No data available

Reproductive Effects: No data available

Neurotoxicity: No data available

Mutagenicity: No data available

IV FIRST AID MEASURES:

Eyes: Flush eyes with water. Get medical aid immediately.

Skin: In case of contact, flush area immediately with water.

Inhalation: Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen and GET MEDICAL AID IMMEDIATELY.

Ingestion: Wash mouth with water. Do not induce vomiting. Get medical aid immediately.

V FIRE AND EXPLOSION HAZARDS:

Flammable: No

Flash Point: N/A

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Explosion Data: Not available

VI REACTIVITY:

Stability: Stable at normal room temperature and pressure.

Conditions to avoid: dust generation..

Incompatibility : Metals . Strong oxidizing agents.

Hazardous Decomposition Products: Oxides of phosphorus.

Hazardous Polymerization: will not occur.

VII PHYSICAL DATA:

Physical State: powder

Appearance and Odor: white, odorless

Melting Point: 662° C

Boiling Point: N/A

Specific Gravity: 2.3

Vapor Density: N/A

Water Solubility: 0.075%

pH: 6-7.4 (25% soln.)

VIII PREVENTIVE MEASURES:

Personal Protection: Lab coat, safety goggles, rubber gloves.

Ventilation: Local exhaust systems. Use fume hood

Respiratory protection: use OSHA/MSHA approved respirator.

Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container.

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

Other precautions: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage Conditions: Room temperature..

Label Hazard Warning: None. Avoid eye and skin contact. Avoid inhalation and ingestion.

Shipping Information: Not regulated

IX PREPARATION OF MSDS:

Prepared By: M.Kierdelewicz (President)

Date Prepared: Dec. 14/2011

Phone: (800) 234-1179

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