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Gram : NIACIN, Mumbai – 400 097



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BIMAL PHARMA PVT. LTD.

Pharmaceutical Fine Chemicals & Bulk Drugs

Office : 10, Indraprastha, 1-C, Raheja Township, Jitendra Road, Malad (E), Mumbai – 400 097

MATERIAL SAFETY DATA SHEET

CHROMIUM POLYNICOTINATE

MSDS Number : BPPL 004

PREPARED : 1st APRIL '2004

RE-VALIDATED : 1st JANUARY '2017

1. GENERAL INFORMATION (Company Identification)

Company's Name : BIMAL PHARMA PVT. LTD.
Company's Address : 10, Indraprastha, 1-C, Raheja Township,
Jitendra Road, Malad (East).
Company's City : Mumbai
Company's State : Maharashtra
Company's Country : INDIA.
Company's Zip Code : 400097
Company's Emerg. Ph. No. : 91-22-28778563
Company's Info. Ph. No. : 91-22- 28776031/ 28776639
Company's E-mail Address : jp2@vsnl.com

2. PRODUCT IDENTIFICATION / INGREDIENTS

Synonyms : CHROMIC NICOTINATE .
: CHROMIUM POLYNICOTINATE COMPLEX.
CAS No. : 64452-96-6
Chemical Formula : C₁₈ H₁₂ N₃ O₆ Cr.
Molecular Weight : 418.30
Ingredient : Chromium Nicotinate: 99.0% minimum.

3. HAZARDS IDENTIFICATION

Emergency Overview

Warning : It presents no health hazard and no unusual hazard,
if involved in a fire.

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POTENTIAL HEALTH EFFECTS

Inhalation	:	No adverse health effects expected.
Ingestion	:	Not a hazard with normal industrial usage.
Skin Contact	:	No adverse health effects expected.
Eye Contact	:	No adverse health effects expected.
Chronic Exposure	:	No adverse health effects expected.
Aggravation of Pre-Existing conditions.	:	No adverse health effects expected.
Carcinogenicity	:	Not Identifiable.

4. FIRST AID MEASURES

Inhalation	:	Remove to the fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Ingestion	:	Wash out mouth with water. Call physician.
Skin Contact	:	Immediately wash skin with soap and water for at least 15 minutes
Eye Contact	:	Immediately flush with plenty of water for at least 15 minutes, holding eye lids apart.

5. FIRE FIGHTING MEASURES

Fire	:	Not considered to be a fire hazard.
Explosion	:	Not considered to be an explosion hazard.
Flash Point	:	Non Combustible.
Flammable Limits	:	Non Combustible.
Fire Extinguishing Media	:	Use Media that is appropriate to treat surrounding fire.
Special Fire Fighting Procedure	:	Use fire fighting procedure that is appropriate to treat surrounding fire. All fire fighters should use self-contained breathing apparatus and full fire- fighting turn-out gear.

6. ACCIDENTAL RELEASE MEASURES :

General	:	Use proper personal protective equipment as indicated in information Section 5.
Spills / Leaks	:	Vacuum or sweep up material and place into a suitable disposal container as indicated in information Section 11.

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7. HANDLING & STORAGE

- : Avoid contact with skin, eyes and clothing.
- : Use with adequate ventilation.
- : Avoid breathing dust.
- : Use normal personal Hygiene and housekeeping.
- : Store in cool, dry area away from other incompatible materials.
- : Product is slightly Hygroscopic and should be stored in a dry area and closed container to prevent moisture pick up and caking.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION :

- Engineering Controls** : Use adequate ventilation to keep airborne concentration low.
- (a) **Skin & Eye Protection** : Use Rubber or Neoprene Gloves, Chemical Goggles and Clothing Sufficient to protect skin from dust.
- (b) **Respiratory Protection** : Use Normal approved respirators.
- (c) **Ventilation Requirements** : Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limits.

9. PHYSICAL & CHEMICAL PROPERTIES

- Appearance** : Purple / Greyish, Free Flowing Powder.
- Odor** : Odorless
- Solubility** : Insoluble in water & ethanol.
- Vapor Density** : Not Applicable
- Boiling Point** : Not Applicable
- Melting Point** : Not Applicable
- Vapor Pressure** : Not Applicable
- PH (5% w/v Suspension)** : Approx 3.5 – 5.5
- Volatiles By Volume** : Not Applicable

10. STABILITY & REACTIVITY

- Stability** : Stable under ordinary conditions of use & storage.
: Stable under normal temp. & pressure.
- Hazardous Decomposition Product** : May emit toxic gases upon thermal decomposition.
- Hazardous Polymerisation** : Will not occur under normal condition.
- Incompatibilities** : Strong Acids or Bases.
- Conditions to Avoid** : Not Relevant

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11. TOXICOLOGICAL INFORMATIONS

Non Hazardous

LD 50 (Rat Oral, Murine) Greater than 2 mg / kg.

12. ECOLOGICAL INFORMATIONS.

Not Applicable

13. DISPOSAL CONTROLS

- (a) **If spilled** : Sweep off or wash with water.
: Vacuuming or wet sweeping may be used to avoid dust dispersal.
- (b) Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATIONS

Not Regulated.

DOT Classification : Not a DOT controlled material (United States)

Identification : Not Applicable.

Special Provisions for Transport : Not Applicable.

IATA : Non –hazardous for Sea transport.

15. REGULATORY INFORMATION :

European / International Regulation

European Labeling in Accordance with EC Directives Non Hazardous

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16. ADDITIONAL INFORMATION :

- (1) This **MSDS** has been prepared according to the hazard criteria of the CPR (Controlled Products Regulations)
- (2) This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.