



INDO PHYTCHEM PHARMACEUTICALS

MATERIAL SAFETY DATA SHEET : RESERPINE

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: RESERPINE

SUPPLIER: INDO PHYTCHEM PHARMACEUTICALS

KALA AMB NAHAN ROAD , KALAAMB

DISTT. SIRMOUR HP , INDIA

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: From the maceration of Rauwolfia Vomitoria root bark

Status: Natural (Herbal extract)

FEMA: none Additives: none

IFRA: not restricted RIFM: no monograph

Chemical name: [(3B,16B,17A,18B,20A)11,17A- Dimethoxy-18B- (3,4,5-Trimethoxybenzoyloxy)-3B,20A,Yohimban-16-carbonic Acid Methyl ester]

Chemical Formula: C₃₃H₄₀N₂O₉

Molecular weight: 608.68

Mfg. Drug Licence No.: MNB/2003/70 Dated 24/11/03 ; Renewed 24/11/2013

Uses and application : Antihypertensive

3. HAZARDS IDENTIFICATION: Not Known.

4. FIRST-AID MEASURES:

INHALATION:

Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT:

Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT:

Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION:

Rinse mouth out with water. Seek medical advice immediately.

OTHER:

When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA

Use CO₂, Dry Powder or Foam type Extinguishers, spraying

RECOMMENDED:

extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES:

Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

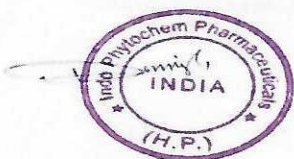
EXTINGUISHING PROCEDURES:

Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:

Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.





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ENVIRONMENT PRECAUTIONS:

Keep away from drains, soils, surface & ground waters.

CLEANING UP METHODS FOR

Remove all potential ignition sources. Contain spilled material. Cover SPILLAGES: with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:

Use of facemask, hand gloves, covering of mouth and nose and work clothing recommended.

STORAGE CONDITIONS:

Store in tightly closed original container, in a cool, dry, around 30°C & ventilated area away from heat sources & protected from light. Away from oxidizing & reducing agent

FIRE PROTECTION:

Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:

Government approved respirator.

VENTILATION:

Ensure good ventilation of working area.

HAND PROTECTION:

Avoid all skin contact. Use chemically resistant gloves if required.

EYE PROTECTION:

Use safety glasses.

WORK/HYGIENE PRACTICES: Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

COLOUR: Whit to slightly Yellow Crystalline powder.

APPEARANCE: Powder

SOLUBILITY: Freely soluble in Chloroform.

Soluble in water: Insoluble.

FLASH-POINT °C: INFLAMMABLE

10. STABILITY & REACTIVITY.

Stable:

Stable

Condition of Instability:

Protect from light, direct heat and oxygen (air).

Materials to avoid:

Strong oxidizing, Strong Acids and Strong Bases.

11. TOXICOLOGICAL INFORMATION.

No data available

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:

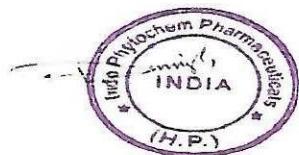
Data not available. The material itself natural product, so it is readily degradable.

PRECAUTIONS:

However the natural substances are concentrated, so prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.





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14. TRANSPORT INFORMATION :

DOT Classification: Not a DOT controlled material (United States).
Identification: Not applicable. Special Provisions for Transport: Not applicable.
This consignment is safe for carry through Air or By Transport. Not regulated by IATA.

14. REGULATORY INFORMATION.

HAZARDS: n/a
SYMBOLS: n/a
RISK PHRASES: n/a
SAFETY PHRASES: n/a

15. OTHER INFORMATION.

Pharmaceutical / Nutraceutical / Cosmetics Directive 7th Amendment: Not restricted
PACKAGING:

Type	Suitability
Aluminium	Yes
HPPE	Yes
Fiber/HDPE	Yes
Other plastic	Yes

SHELF LIFE

When stored within advised conditions, re-test after 6 months, then at 6 monthly intervals up to a maximum shelf life of 60 months.

Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

For Indo Phytochem Pharmaceuticals



Authorized signatory



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