

NEPAFENAC

MATERIAL SAFETY DATA SHEET

Creation Date: April 30, 2010.

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Version: 03

1. PRODUCT IDENTIFICATION

Product: Nepafenac

Product code: P-2

ALP PHARM BEIJING CO., LTD.

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2. COMPOSITION, INFORMATION ON INGREDIENTS

Product: 2-Amino-3-benzoylphenylacetamide

Component: Nepafenac

Molecular Formula: C₁₅H₁₄N₂O₂

Molecular Weight: 254.284

CAS Number: [78281-72-8.mol](#)

Synonyms: nepafenac, Nevance

Chemical Family: Anti-inflammatory

Percentage: 98%

Other Contaminants: None

3. HAZARDS IDENTIFICATION

Emergency Overview: No data available

Route(s) of Entry: Inhalation, skin, eyes and ingestion.

Acute Eye Contact: Not considered hazardous when handled under normal conditions with good house keeping.

Acute Skin Contact: Not considered hazardous when handled under normal conditions with good house keeping.

Acute Inhalation: Not considered hazardous when handled under normal conditions with good house keeping.

Acute Ingestion: May be harmful if swallowed.

Chronic Health Effect: No data available.

Carcinogenicity: Not considered hazardous when handled under normal conditions with good house keeping.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Skin Contact: Immediately wash skin with soap and copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. Seek medical advice.

Ingestion: If swallowed, wash out mouth with water, provided person is conscious. Seek medical advice.

Remove and wash/dispose of contaminated clothing promptly.

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5. FIRE FIGHTING MEASURES

Flash Point: No data

Lower Flammable Limit: No data

Upper Flammable Limit: No data

Auto-ignition Temperature: No data

Extinguishing Media: Carbon dioxide, dry chemical powder or appropriate foam. Water spray.

Unusual fire and explosion hazards:

Emits toxic fumes under fire conditions

Special Fire Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with the skin and eyes.

Hazardous Combustion Products:

Thermal decomposition products may include carbon dioxide and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

Ensuring personal safety, mark out contaminated area with signs and prevent unauthorized access.

Turn leaking containers up to prevent further Evaluate area. Wear self-contained breathing apparatus, rubber boots & heavy rubber gloves. Sweep-up/absorb in suitable material, place in a container and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after pick-up complete.

7. HANDLING AND STORAGE

Storage/Handling recautions: Store in original container in a cool dark place.

Keep this material below 30°C. Handle and store per label and other instructions to maintain product integrity.

Other Precautions: Avoid contact and inhalation. Use with adequate ventilation and avoid generating airborne particles. Wash thoroughly after handling.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

Ventilation/ Exposure Controls: Provide local exhaust or process enclosure ventilation system to prevent generation of airborne particle into the working environment.

Eye Protection: Wear safety glasses with side shield.

Protecting Clothing: Wear appropriate protective clothing or lab coat.

Protecting Gloves: Use rubber or latex disposable gloves to prevent contact with this substance.

Respiratory: required when dusts are generated. powdered air purifying respirators with N100 or P3 cartridges be used as minimum respiratory protection.

General Hygiene Measures:

Wash thoroughly after handling. Immediately change contaminated clothing. Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: No data available

Melting Point: 170-173°C

Vapor Pressure: No data available

Vapor Density: No data available

Specific Gravity: No data available

Water Solubility: sparingly soluble in water.

pH: 7.5 - 8.0

Appearance and Odor: Light Yellow Powder To Yellow Powder, odorless

Evaporation Rate: No data available

Solvent Solubility: Sparingly soluble in water, Soluble in DMSO, Methanol, DMF and Tetrahydrofuran.

10. STABILITY AND REACTIVITY

Stability: Stable in regard to safety concerns

Conditions to Avoid: Heat and light

Material to avoid: Strong base or acid.

Hazardous Decomposition: No data.

Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicological information: Have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

Do not allow product to enter drinking water supplies, waste water or soil!

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dissolve or mix material with a suitable combustible solvent and incinerate in a chemical incinerator equipped with an afterburner and scrubber.

Material should be disposed of in keeping with all local and national legislation. Packaging should be disposed of in keeping with all local and national legislation. Handle contaminated containers as product.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.



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Nepefenac DMF 23032

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

Follow all regional and national regulations.

Classification: No

UN Number: No

15. REGULATORY INFORMATION

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

16. OTHER INFORMATION

This information is believed to be correct as of its date of issuance. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.