

MATERIAL SAFETY DATA SHEET

Juppiiei.

American Laboratories, inc.

Supplier Address:

4410 South 102nd St. Omaha, NE 68127

Supplier Phone:

1-402-339-2494

Emergency Phone:

1-402-339-2494 Monday - Friday 8:00 a.m. to 5:00 p.m. CST

SECTION 2: Hazard Identification

Hazard Class:

Skin irritant Category 2

Eye irritant Category 2A Skin sensitizer Category 1B

Respiratory sensitizer Category 1B

Signal Word:

Danger

Hazard Statements:

Causes mild skin irritation

Causes eye irritation

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause an allergic skin reaction

Precautionary Statements:

IF ON SKIN: In case of contact with skin, wash skin with soap and water. Remove

contaminated clothing and wash.

IF IN EYES: In case of contact with eyes, flush eyes with low pressure water for at

least 15 minutes. If irritation develops, seek medical attention.

IF INHALED: Avoid breathing dust. In case of inadequate ventilation wear respiratory protection. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. May cause sensitization by inhalation in

hypersensitive individuals. Avoid dust generation.

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Hazard Symbols:



Other Hazards:

If extremely high levels of dust are generated in ambient air, material can

support combustion.

Pancreatin 6 X USP Powder

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SECTION 3: Composition/Information on Ingredients

Pancreatin Lactose CAS Number: 8049-47-6 CAS Number: 64044-51-5 % by weight 50 – 60% % by weight 40 – 50%

SECTION 4: First-aid Measures

First Aid Eye:

In case of contact with eyes, flush eyes with low pressure water for at least 15 minutes.

If irritation develops, seek medical attention.

First Aid Skin:

In case of contact with skin, wash skin with soap and water. Remove contaminated

clothing and wash.

First Aid Ingestion:

If swallowed, rinse mouth and throat thoroughly with tap water. Drink water.

First Aid Inhalation:

If inhaled remove from contaminated area to fresh air. Report situation. Seek medical

attention if allergic response is exhibited.

First Aid Advice:

The allergic symptoms are such as runny nose, cough, sneeze, languor, slight attack of fever. Contact with powder causes irritation to sensitive skin and eyes. Any person who

experiences any allergic or sensitive reactions to this powder should refrain from

handling it again.

SECTION 5: Fire-Fighting Measures

Fire Fighting Extinguishing Media:

Water, foam, dry chemical, carbon dioxide May cause allergic respiratory reaction

Fire Fighting Chemical Hazards: Fire Fighting Protective Actions:

Not available

SECTION 6: Accidental Release Measures

For non-emergency personnel:

No action shall be taken involving any personal risk or without suitable

training. Evacuate surrounding areas. Keep unnecessary and

unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate

personal protective equipment (see section 8).

For emergency personnel:

Fire-fighters should wear appropriate protective equipment and selfcontained breathing apparatus (SCBA) with a full face-piece operated in

positive pressure mode.

Environmental precautions:

Containment:

Avoid dispersal of spilled material.

If a spill occurs: Spilled product should be removed immediately to avoid formation of dust. Vacuum or gently moisten with water and collect into a sealable container for disposal. Flush spill area with plenty of water (low

pressure) into approved sewer. Avoid formation of aerosols and dusts.

Ensure sufficient ventilation. Wash contaminated clothing. Not available

Clean up: Other issues:

Not available

SECTION 7: Handling and Storage

Handling advice: Never handle powder without appropriate personal protective equipment in

accordance with Section 8. Avoid formation of dust. Avoid splashing and

high pressure washing. Ensure good ventilation of the room when

handling this product.

Hygiene:

Maintain good conditions of industrial hygiene

Storage:

Store in tightly closed poly-liners within a sealed container in an odor-free environment, where normal temperatures do not exceed 30°C and normal

relative humidity is not more than 70%.

Conditions to avoid:

Control: Maintain:

Other advice:

Not available Not available Not available

Not available

SECTION 8: Exposure Controls/Personal Protection

Occupational exposure limits:

Not available

Biological limit values:

Not available Not available

Control banding: Appropriate engineering controls:

Adequate ventilation required for dusty conditions.

Eye/face protective equipment:

Protective glasses or eye shield recommended.

Skin protection:

Impermeable gloves recommended.

Respiratory protection:

None required under usual condition of use. However, if breathable dusts

are present, a suitable dust mask is recommended (refer to NIOSH

Criteria Guides to determine appropriate unit).

Thermal protection:

Not available

Special requirements:

Not available

SECTION 9: Physical and Chemical Properties

Appearance: Off white to tan powder

Odor:

Characteristic enzyme odor

Odor Threshold:

Not available Not available

pH:

Not available

Melting point/freezing point: Initial boiling point and boiling range:

Not available

Flash point:

Not available

Evaporation rate:

Not available

Not available

Flammability (solid, gas): Upper/lower flammability or explosive limits:

Not available

Vapor pressure:

Not available

Vapor density:

Not available

Relative density:

Not available

Solubility:

Partially soluble

Partition coefficient: n-octanol/water:

Not available Not available

Auto-ignition temperature:

Not available

Decomposition temperature: Viscosity:

Not available

SECTION 10: Stability and Reactivity

Reactivity: Not available Stability: Stable

Hazardous reactions:

Conditions to avoid:
Incompatible materials:
Hazardous decomposition products:

Not available
Not available

SECTION 11: Toxicological Information

Acute toxicity: Not available

Skin corrosion/irritation:
Skin irritant Category 2
Serious eye damage/irritation:
Eye irritant Category 2A

Respiratory or skin sensitization: Respiratory sensitizer Category 1B, Skin sensitizer Category 1B

Germ cell mutagenicity: Not available

Carcinogenicity: Not classified as a carcinogen by IARC, OSHA, or NTP

Reproductive toxicity:
STOT-single exposure:
STOT-repeated exposure:
Aspiration hazard
Not available
Not available

SECTION 12: Ecological Information

Toxicity: Not available

Persistence and degradability: Product is readily biodegradable.

Bioaccumulative potential:

Mobility in soil:

Other adverse effects:

Not available

Not available

SECTION 13: Disposal Considerations

Disposal Methods: No special disposal method required, except that in accordance with current local

authority regulations

SECTION 14: Transport Information

UN Number:
UN Proper Shipping Name:
Transportation Hazard Class:
Packing Group:
Transport Environmental Hazard:
Transport Special Precautions:
MARPOL:

Not classified
Not classified
Not classified
Not classified
Not classified
Not classified

SECTION 15: Regulatory Information

The active ingredient and all components of the enzyme preparation are listed on the TSCA Inventory.

Pancreatin 6 X USP Powder

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SECTION 16: Other Information Revision history: Effective Date: June 22, 2011 Supersedes: First Issue