

****MATERIAL SAFETY DATA SHEET****

Manufacturer's Name: I.D. Russell Company, Laboratories

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SECTION 1 - HAZARDOUS INGREDIENTS/IDENTITY

Product Name: PAL'S PAK 090322

Hazardous Components

Chemical identity/common name and Exposure Limits: None

SECTION 2 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point (°F): N/A Vapor Pressure: N/A

Specific Gravity (H₂O = 1): N/A Vapor Density: N/A

Melting Point: N/A Evaporation Rate: N/A

Solubility in Water: Soluble

Appearance and Odor: Light yellow to orange; characteristic vitamin odor.

SECTION 3 - FIRE & EXPLOSION DATA

Flash Point (°F): N/A Flammable Limits: N/A

Extinguishing Media: Water

Unusual Fire and Explosion Hazards: May present dust explosion hazard. It is advisable to ground equipment near dry, free-flowing material.

SECTION 4 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Excessive heat, ultraviolet radiation, moisture.

Materials to Avoid: Acids, alkalines, sodium nitrite and nitrate, acacia, aldehydes, ferrous gluconate and sulfate, sodium salicylate

Hazardous Decomposition or By-Products: Gaseous carbon dioxide, sulfur dioxide.

Hazardous Polymerization: Will not occur.

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SECTION 5 - HEALTH HAZARD DATA

Route(s) of entry: Skin and/or eye contact; inhalation.

Carcinogenicity: Not carcinogenic

Signs and Symptoms of Exposure: Dust is irritating to mucous membranes.
May cause respiratory irritation or skin irritation in some instances.

Medical Conditions Aggravated by Exposure: None determined.

Emergency & First Aid Procedures: Wash skin thoroughly with soap and water.
Wash eyes with flowing water for at least 15 minutes.

SECTION 6 - PRECAUTIONS FOR HANDLING AND USE

Action to be taken in case of spills: Sweep up dry and wash area with water.

Waste Disposal Method: Dispose of in accordance with federal, state and local regulations.

Handling & Storing Precautions: Store in clean, cool, dry place.

SECTION 7 - CONTROL MEASURES

Respiratory Protection: Dust mask if dust is produced.

Ventilation: Local or mechanical exhaust.

Protective Gloves: Any type (none normally needed).

Eye Protection: Safety glasses or goggles.

Other Protective Clothing or Equipment: None required.

Work/Hygienic Practices: Wash skin with soap and water following contact.

This Material Safety Data Sheet has been adapted from Form OSHA-174 (Rev. 9/85)

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