SECTION I - HAZARDOUS INGREDIENTS
Orthoboric acid (boric acid) - 5.0% CAS # 10043-35-3

SECTION II - PHYSICAL PROPERTIES
Form: Granules
Color: yellow-brown
Odor: slight, oily grain
Specific Gravity: 0.5 at 25 ºC
Evaporation Rate: N/A
Flash Point (Test Method): N/A
Flammable Limit: N/A
Auto Ignition Temp.: N/A
Extinguishing Media: Carbon dioxide dry powder or foam
Special Fire Fighting Procedures and Personnel Protection: Use appropriate fire-fighting procedures for surrounding materials. Keep fire-exposed containers cool with water spray. Wear positive pressure self-contained breathing apparatus approved by MSHA/NIOSH.
Unusual Fire and Explosion Hazards: The fire and explosion hazards are considered very minor. Boric acid itself is a flame-retardant.

SECTION III - FIRE AND EXPLOSION HAZARD DATA
Flammable Limit: N/A
Auto Ignition Temp.: N/A
Extinguishing Media: Carbon dioxide dry powder or foam
Special Fire Fighting Procedures and Personnel Protection: Use appropriate fire-fighting procedures for surrounding materials. Keep fire-exposed containers cool with water spray. Wear positive pressure self-contained breathing apparatus approved by MSHA/NIOSH.
Unusual Fire and Explosion Hazards: The fire and explosion hazards are considered very minor. Boric acid itself is a flame-retardant.

SECTION IV - HEALTH HAZARD DATA
Primary Route(s) of Entry: inhalation, ingestion
Signs and Symptoms of Over-Exposure: Intentional consumption of more than 1 to 2 oz. could cause gastro-intestinal symptoms. Acute and/or Chronic Effects: Product is practically non-toxic if ingested, though deliberate ingestion of quantities could cause digestive disturbance.
Emergency and First Aid Procedures:
If in Eyes: Flush with water for at least 15 minutes and contact a physician if any persistent irritation results.
If Swallowed: If more than 1 to 2 oz. are ingested, give two glasses of water and induce vomiting if conscious, and seek medical attention.
If on Skin: Wash with soap and water.
If Breathed: Remove to fresh air and seek medical attention if warranted or if any irritation persists.

SECTION V - PERSONAL PROTECTION MEASURES
Respirator Type: Dust mask recommended when applying with a power duster
Gloves: Not required
Ventilation: Use a dust mask if applying in close, unventilated areas or when applying with a power duster
Other Protective Measures: In very windy conditions, goggles and a dust mask are recommended

SECTION VI - REACTIVITY DATA
Stability Under Normal Conditions: Stable
Hazardous Polymerization: Will not occur
Incompatibility (Materials to Avoid): None
Conditions to Avoid: None
Hazardous Decomposition Products: None

SECTION VII - SPILL OR LEAK PROCEDURES
Steps to be Taken in the Event Material is Spilled or Released:
Small Spill: Sweep up and dispose of in proper container.
Large Spill: Shovel spilled product into proper disposal container. Clean the area with detergent and water.
Waste Disposal Procedures: Wastes resulting from use may be disposed of on site or at an approved waste disposal facility. Dispose of wastes in accordance with all Federal, State and Local laws.

SECTION VIII - STORAGE AND HANDLING PRECAUTIONS
Storage Temperature: Room temperature. Average Shelf Life: Two years in original container.
Special Sensitivity (Heat, Light, Moisture): Avoid prolonged exposure to excessive heat. Keep moisture out of product.
Special Precautions to be Taken in Handling and Storage: Store in original container away from excessive heat or moisture and out of reach of children, pets or wildlife.

SECTION IX - SHIPPING INFORMATION
DOT Shipping Name: None required
DOT Hazard Classification: Non-Hazardous
DOT Labels Required: None required
Freight Classification: LTL Class 60

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