

**MATERIAL SAFETY DATA TECHNICAL INFORMATION**

**SECTION I - IDENTIFICATION**

**CHEMICAL NAME AND SYNONYMS:** Micronutrient Mixture

**CHEMICAL FAMILY:** Inorganic Chemical

**PRODUCT USE:** Fertilizer Micronutrient For Blending For Soil Application.

**TRADE NAME:** B-32 G

**DESCRIPTION:** 10.0% B

**SECTION II - CAS & TLV**

INGREDIENTS	CAS NUMBER	THRESHOLD LIMIT VALUE
Sodium Borate	1319-33-1	10.00 mg B <sub>2</sub> O <sub>3</sub> /m <sup>3</sup>

EFFECTS - ACUTE EXPOSURE: Can cause mild irritation of skin, eyes, and respiratory system.

EFFECTS - CHRONIC EXPOSURE: Can cause damage to respiratory system.

**SECTION III – NORMAL HANDLING PROCEDURES**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Approved respirator per 29 CFR 1910.134

EYES: Goggles

GLOVES: Heavy-duty work gloves

OTHER: Long-sleeved shirts

VENTILATION REQUIREMENTS

Adequate to remove dust from the air

\* NOTE - Hands, arms and face should be washed prior to eating, drinking, or smoking.

**SECTION IV – EMERGENCY AND FIRST AID PROCEDURES**

INHALATION: Remove to fresh air. Seek medical attention immediately.

SKIN: Flush with water. If irritation develops, call physician.

EYES: Flush with water for 15 minutes. Seek medical attention if irritation persists.

INGESTION: Seek medical attention immediately.

**SECTION V – FIRE AND EXPLOSION HAZARD DATA**

**THIS PRODUCT IS NONCOMBUSTIBLE**

This product is not a flammable material.

Special Firefighting Procedures or Fire Hazard: Wear self-contained breathing apparatus approved by NIOSH. Do not wash material into any streams, waterways, drainage ditches or storm sewers, etc. Impound liquids used in firefighting to prevent entry into streams, ditches, sewers, etc.

**SECTION VI – SPILL AND LEAKAGE PROCEDURES**

Remove All Sources of Ignition: Follow NIOSH/OSHA regulations for respirator use (See 29 CFR 1910.134). Shovel or sweep up and reuse. Use approved liquid spray to reduce dust when sweeping or shoveling.

Waste Disposal Method: Dispose of contaminated product, empty containers and materials used in cleaning up spills and leaks in a manner approved for this Material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

**SECTION VII – SHIPPING DATA**

D.O.T. CLASS:

NONCOMBUSTIBLE

**STABLE: YES • INCOMPATIBILITY: NONE • CONDITIONS TO AVOID: NONE**

**SECTION IX – PHYSICAL DATA**

**THIS IS A SOLID MATERIAL, WHICH IS PARTIALLY SOLUBLE IN WATER.**

**ODOR & APPEARANCE: VERY SLIGHT ODOR, WHITE TO LIGHT BROWN GRANULE**

**VAPOR PRESSURE: N/A**

**BOILING POINT: N/A**

**pH: 4 – 6.5**

**SPECIFIC GRAVITY: 1.0**