

MATERIAL SAFETY DATA SHEET

(MSDS Sheet is in compliance with 29CFR 1910. 1200)

Manufacture:**IMEB INC.****170 Vallecitos De Oro, Suite A****San Marcos, CA 92069****Chemtrec: 800-424-9300****Product Trade name:** Nitric Acid Decal Solution**Product Description:** Bone Decalcifier**Date Prepared:** 08/01/97**Item #:** NA-100

Section I Hazardous Composition Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Nitric Acid	7697-37-2	n/a	n/a

Section II Physical and Chemical Characteristics**Specific Gravity:** 1.2 at 77F**Solubility in Water :** Soluble**SP. Gravity of Vapor:** n/a**Evaporation Rate (n-Bu Acetate = 1):** n/a**Vapor Pressure:** n/a**Viscosity :** 0.93 at 77 F**Boiling Point:** 84 F**Melting Point:** n/a**Color:** Transparent Gin White**Odor:** Pungent odor

Section III Stability and Reactivity**Stability:** Stable**Conditions to Avoid :** n/a**Hazardous Polymerization:** n/a**Incompatible Materials:** Glycerin, Metal, Chlorine , Hyposulfates.**Hazardous Decomposition Products:** n/a

Section IV Fire and Explosion Data**Flashpoint:** Non-Flammable Material**Flammable Limits:** LEL: n/a UEL: n/a**Autoignition Temperature:** n/a**Extinguishing Media:** Foam, Dry Chemical, Water,**Special Fire Fighting Procedure:** n/a**Decomposition Products Under Fire Conditions:** Known none.

Section V Health Hazard Data

Acute Health Effects:

Eye Contact: May cause chemical burns to eyes.

Skin Contact: May cause chemical burns to skin.

Inhalation: May cause nasal membrane irritation.

Ingestion: May be fatal if ingested.

Chronic Health Effects:

Eye Contact: Prolonged contact may cause damage to eye tissue and blindness.

Skin Contact: Prolonged contact may cause chemical burns to skin.

Inhalation: Prolonged inhalation will cause nasal membrane and lung irritation along with coughing.

Ingestion: May be fatal if ingested

Medical Conditions Aggravated by Exposure: n/a

Section VI Emergency First Aid Procedures

Eye Contact: Flush Eye with copious amounts of water or saline solution. Seek Medical Attention.

Skin Contact: Wash contact area with soap and water. Seek medical attention if irritation persist.

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

Ingestion: Drink copious amounts of water and seek immediate medical attention. Do not induce vomiting.

Section VII Spill, Disposal and Storage Methods

Accidental Spill: Immediately inform employees. Wear gloves, and NIOSH approved respirator and dike area with sand or absorbent material. Neutralize and Absorb spill with acid neutralizer or Sodium Bicarbonate mixed with sand. Dispose in plastic bag.

Spill area can be washed with soap and water.

Waste Disposal: All waste must be disposed in accordance to local, state, and federal regulations.

Storage: Store in original or LDPP, HDPE or any plastic container except polystyrene. Store in cool, dark place .

Section VIII Personal Protection and Handling

Ventilation: Work under mechanical fume hood.

Respiratory Protection: Use NIOSH /MSHA approved air respirator.

Eye Protection: Wear splash resistant goggles or splash shield.

Protective Gloves: Wear latex gloves or chemical resistant gloves.

Other Protective Clothing or Equipment: Wear impermeable lab apron.

Hygienic Practices: Wash hands before meals or breaks.

Federal and State Regulations: n/a

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