



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

COLLODIAL BISMUTH SUBCITRATE

SECTION I - GENERAL INFORMATION

Revision Date: August 2007

Emergency Number: Chemtrec 800-424-9300 or 703-527-3887

Information Number: 800-238-0001

Synonyms: Tripotassium Dicitrate Bismuthate

CAS #: 57644-54-9

OSHA Hazardous Substance: No

DOT Hazard Class: Not Applicable

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

None

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H₂O=1): >1

Percent Volatile by Volume(%): Not Applicable

Melting Point: Not Known

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Appreciable

Appearance and Odor: White hygroscopic powder with slight ammonia odor.

pH: 1% suspension - 6.0-8.0

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Non combustible

Flammable Limits: Non combustible

Extinguishing Media:

Water, foam, Carbon Dioxide (CO₂), powder.

Special Fire Fighting Procedures:

None except those applicable to surrounding conditions.

Unusual Fire Explosion Hazard: None

Auto Ignition Temperature: Non combustible.

SECTION V - REACTIVITY DATA

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Material is decomposed by mineral acids and Carbon Dioxide is evolved

Hazardous Polymerization:

Will not occur under normal conditions.

Conditions to avoid: Mineral Acids

Hazardous Decomposition Products: Carbon Dioxide

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Yes Skin: No Ingestion: Yes Eye: No

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Health Hazards:

Acute

Carcinogenicity:

Listed by ACGIH - No IARC - No NTP - No OSHA - No

Signs - Symptoms of Exposure:

Non irritating and non toxic.

Medical Conditions Aggravated by Exposure:

Dust may trigger allergic responses.

Emergency First Aid Procedures:

Product is non toxic and non irritating - emergency first aid should not be required.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Sweep up spilled material. Wash area with detergent and water. Dispose of residue in accordance with federal, state and local regulations.

Waste Disposal Method:

Dispose of in accordance with all federal, state and local regulations. Material may be incinerated.

Precautions to be Taken in Handling and Storage:

Keep away from foodstuff. Keep drums sealed and away from sunlight.

SECTION VIII - CONTROL MEASURES

Respiratory Protection Type:

NIOSH/MSHA approved respirator.

Ventilation Requirements:

Ventilate as necessary to eliminate dust from work area.

Protective Gloves, Clothing or Equipment Requirements:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

Work, Hygienic Practices:

As required to protect skin and eyes from dust. Safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

Reason for issue: Changed Date

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