

Humco Holding Group, Inc.
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Item #0395-0201

BISMUTH SUBNITRATE

DATE ISSUED: 04/10/07

SECTION I

PRODUCT IDENTIFICATION

PRODUCT NAME: Bismuth Subnitrate

CAS NO: 1904-85-4

SECTION II

HAZARDOUS COMPONENTS

Component	Percent	Threshold Limit Value (units)
NA	NA	NA

SECTION III

PHYSICAL DATA

Boiling Point: 260°C Decomposition

Specific Gravity: (H₂O = 1) 6.04

Melting Point: 105°C

Vapor Pressure: NA

Solubility: Practically insoluble in water & alcohol. Soluble in diluted nitric & hydrochloric acid.

Evaporation Rate (Butyl Acetate=1): NA

pH: NA

Appearance and Odor: White powder, odorless, & tasteless. Slightly hygroscopic.

Bulk Density: Light < 1 g/cc

< 62 lb./ft.³

Heavy < 1g/cc

> 62 lb./ft.³

SECTION III A

DEGREE OF HAZARD

Degree of Hazard

4 - Extreme	Flammability	0
3 - High	Health	0
2 - Moderate	Reactivity	0
1 - Slight	Special Hazard	0
0 - Insignificant		

SECTION IV FIRE AND EXPLOSION HAZARDS

Flash Point: NA **Flammable Limits:** NA **Auto Ignition Temperature:** NA

LEL: NA **UEL:** NA

Extinguishing Media: Product does not burn, use any suitable means to extinguish.

Special Firefighting Procedures: Not found.

Unusual Fire and Explosion Hazards: Not found.

SECTION V HEALTH HAZARD DATA

OSHA-PEL: Not available. **ACGIH-TLV:** Not available.

LD50 Data: Orl-Inf 1g/kg, no toxic effects noted. **IARC Program:** NA

Symptoms of Exposure: Not found.

If on Skin: Immediately flush skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

If in Eyes: Immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers.

If Inhaled: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

If Swallowed: Wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

SECTION VI REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** None.

Incompatibilities: Not found. **Hazardous Polymerization:** Will not occur.

Hazardous Decomposition Products: Not found.

SECTION VII

SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or discharge: Vacuum or sweep up spilled material. Avoid dust formation.

Disposal Procedures: Dispose in accordance with all federal, state and local regulations.

Handling & Storage: Use with commonly accepted industrial safety procedures.

Other Protection: Wash thoroughly after handling.

Protection Information: Safety goggles. Proper rubber gloves. Mechanical (general) ventilation. Wear suitable protective clothing