

JOHNSON MATTHEY CATALOG -- BISMUTH ACETATE, 11846
MATERIAL SAFETY DATA SHEET
JOHNSON MATTHEY CATALOGNSN: 681000N055540
Manufacturer's CAGE: 0JVJ1
Part No. Indicator: A
Part Number/Trade Name: BISMUTH ACETATE, 11846

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General Information

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Company's Name: JOHNSON MATTHEY CATALOG CO
Company's Street: 30 BOND ST
Company's City: WAR HILL
Company's State: MA
Company's Country: US
Company's Zip Code: 01835-0747
Company's Emerg Ph #: 508-521-6300;800-424-9300(CHEMTREC)
Company's Info Ph #: 508-521-6300
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 06NOV89
Safety Data Review Date: 19OCT95
MSDS Serial Number: BWBKC
Hazard Characteristic Code: T6

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: BISMUTH ACETATE
Ingredient Sequence Number: 01
Percent: 100
NIOSH (RTECS) Number: 1012022BA
CAS Number: 22306-37-2
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

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Physical/Chemical Characteristics

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Appearance And Odor: WHITE TO PALE YELLOW POWDER, ODOR OF ACETIC ACID
Boiling Point: DECOMPOSES
Melting Point: DECOMPOSES
Vapor Pressure (MM Hg/70 F): N/A
Vapor Density (Air=1): N/A
Evaporation Rate And Ref: NOT APPLICABLE
Solubility In Water: SOLUBLE
Percent Volatiles By Volume: N/A

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Fire and Explosion Hazard Data

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Flash Point: N/A
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: USE WATER, CARBON DIOXIDE, DRY CHEMICAL
EXTINGUISHING
AGENTS, DRY SAND, OR DRY GROUND DOLOMITE.
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE
EQUIPMENT (FP N). IF W/OUT RISK, REMOVE MATL FROM FIRE AREA. COOL CNTNR
W/WATER FROM MAXIMUM DISTANCE.
Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MANUFACTURER.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: ACIDS, ACID FUMES.
Hazardous Decomp Products: CO, CO*2, BI*20*2.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE:INGESTION:BISMUTH SALTS ARE POORLY
ABSORBED. SHOULD ABSORPTION OCCUR, SYMPTOMS MAY INCLUDE LOSS OF APPETITE,
HEADACHE, SKIN RASHES, KIDNEY DAMAGE AND MILD JAUNDICE. SKIN:MAY CAUSE
REACTIONS AND SOMETIMES SERIOUS EXODERMATITIS. EYE:MAY CAUSE IRRITATION.
INHALATION:MAY CAUSE IRRITATION. CHRONIC: (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: HLTH HAZ:INGESTION:REPEATED OR PROLONGED
INGESTION MAY CAUSE A "BISMUTH LINE", BLACK SPOTS ON GUM, FOUL BREATH AND
SALIVATION.
Med Cond Aggravated By Exp: NONE KNOWN.
Emergency/First Aid Proc: INGEST:OBTAIN MEDICAL ATTENTION. SKIN:REMOVE
CONTAMD CLTHG, FLOOD SKIN W/LG AMTS OF WATER. IF IRRIT PERSISTS SEEK MED
ATTN. EYE:IMMED FLUSH EYES, INCLDG UNDER EYELIDS, W/LG AMTS OF WATER FOR
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LEAST 15 MINUTES. CALL PHYS. INHAL:OBTAIN MEDICAL ATTENTION.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: WEARING FULL PROTECTIVE EQUIPMENT, COVER
SPILL W/DRY SAND OR VERMICULITE. MIX WELL & CAREFULLY TRANSFER TO A
CONTAINER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: CONSULT STATE, LOCAL OR FEDERAL EPA REGULATIONS FOR PROPER DISPOSAL.
Precautions-Handling/Storing: KEEP CNTNR TIGHTLY CLSD. STORE IN COOL, DRY, WELL-VENTILATED AREA. WARNING:MAY CAUSE SKIN, GI INJURY.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Control Measures

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Respiratory Protection: NIOSH/MSHA APPROVED HIGH EFFICIENCY PARTICLE RESPIRATOR.
Ventilation: LABORATORY FUME HOOD.
Protective Gloves: RUBBER GLOVES.
Eye Protection: ANSI APPRVD SAFETY GOGGLES.
Other Protective Equipment: LAB COAT & APRON, FLAME & CHEM RESIST COVERALLS, EYEWASH CAPABLE OF SUSTAINED FLUSHING, SFTY DRENCH SHOWER & (SUPDAT)
Work Hygienic Practices: WASH THOROUGHLY AFTER USE.
Suppl. Safety & Health Data: OTHER PROT EQUIP:HYGIENIC FACILITIES FOR WASHING.

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Transportation Data

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Disposal Data

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Label Data

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Label Required: YES
Technical Review Date: 22NOV94
Label Date: 30NOV94
Label Status: G
Common Name: BISMUTH ACETATE, 11846
Chronic Hazard: YES
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE:INGESTION:BISMUTH SALTS ARE POORLY ABSORBED. SHOULD ABSORPTION OCCUR, SYMPTOMS MAY INCLUDE LOSS OF APPETITE, HEADACHE, SKIN RASHES, KIDNEY DAMAGE AND MILD JAUNDICE. SKIN:MAY CAUSE REACTIONS AND SOMETIMES SERIOUS EXODERMATITIS. EYE:MAY CAUSE IRRITATION. INHALATION:MAY CAUSE IRRITATION. CHRONIC:INGEST:FOUL BREATH, SALIVATION, BLACK SPOTS ON GUMS.
Protect Eye: Y

Protect Skin: Y
Protect Respiratory: Y
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Label Street: 30 BOND ST
Label City: WAR HILL
Label State: MA
Label Zip Code: 01835-0747
Label Country: US
Label Emergency Number: 598-521-6300;800-424-9300(CHEMTREC)