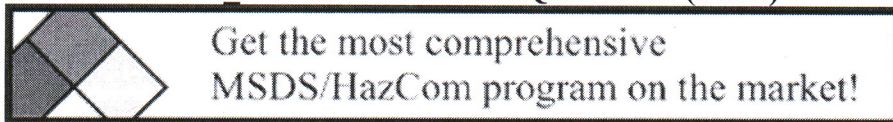


/HMIS Msds/HMIS/023/BMQRF.HTM (8 hits)



**ANTIMONY**

<u>Product and Company Identification</u>	<u>Physical and Chemical Properties</u>
<u>Composition/Information on Ingredients</u>	<u>Stability and Reactivity</u>
<u>Hazards Identification</u>	<u>Toxicological Information</u>
<u>First Aid Measures</u>	<u>Ecological Information</u>
<u>Fire Fighting Measures</u>	<u>Disposal Considerations</u>
<u>Accidental Release Measures</u>	<u>Transport Information</u>
<u>Handling and Storage</u>	<u>Regulatory Information</u>
<u>Exposure Controls/Personal Protection</u>	<u>Other Information / Hazmat Info / Hazcom Label</u>

MSDS Safety Information

TOP

FSC: 6810      NIIN: 00-081-2167      MSDS Date: 03/15/1989      MSDS Num: BMQRF

Submitter: D DG      Tech Review: 05/22/1999      Status CD: C

Product ANTIMONY ID:      MFN: 01  
Article: N      Kit N Part:

Responsible Party      Cage: 22527  
Name: FISHER SCIENTIFIC CO

Address: 585 ALPHA DR      State: PA      Zip: 15238-2911  
City: PITTSBURGH

Country: US  
Info Phone Number: 201-796-7100

Emergency Phone Number: 201-796-7523

Preparer's Name: N/P

Proprietary Ind: N      Review Ind: Y  
Published: Y      Special Project CD: N

Contractor Summary

TOP

Cage:22527      Name:FISHER SCIENTIFIC CO

*Printed on:*  
*CER*

Address:585 ALPHA DR  
City:PITTSBURGH

State:PA

Zip:15238-2911

Country:US

Phone:412-526-8300 201-796-7100

= Item Description Information =

[TOP](#)

Item Manager: S9G

Item Name: ANTIMONY,ANALYZED REAGENT

Specification Number: MILSTD 611

Type/Grade/Class: NK

Unit of Issue: LB

Quantitative Expression: NK

UI Container Qty: I LB.

Type of Container: BOTTLE

Ingredients

[TOP](#)

Cas: 7440-36-0

Code: M

RTECS #: CC4025000 Code: M

Name: ANTIMONY (SARA III)

% Text: 100

Environmental Wt:

Other REC Limits: NONE SPECIFIED

OSHA PEL: 0.5 MG/M3

Code: M

OSHA

Code:

STEL:

ACGIH TLV: 0.5 MG SB/M3; 9192

Code: M

ACGIH N/P

Code:

STEL:

EPA Rpt Qty: 5000 LBS

DOT Rpt 5000 LBS

Qty:

Ozone Depleting Chemical: N

Health Hazards Data

[TOP](#)

LD50 LC50 MixtureLD50 ORAL-RAT 7000 MG/KG.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

**Health Hazards Acute And Chronic**

ACUTE: INHALATION MAY CAUSE IRRITATION OF THE RESPIRATORY AND GASTROINTESTINAL TRACTS, SORE THROAT, SHALLOW RESPIRATION, DIZZINESS AND OTHER SYMPTONS. SKIN CONTACT MAY CAUSE IRRITATION WITH ITCHING. CHRONIC: INGESTION MAY CAUSE SORES IN THE MOUTH AND THROA, HEADACHE, NAUSEA, VOMITING, DIARRHEA, AND OTHER SYMPTONS.

**Explanation Of Carcinogenicity**

NOT LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

**Signs And Symptoms Of Overexposure**

ANTIMONY IS AN EYE, SKIN AND MUCOUS MEMBRANE IRRITANT. POISONING MAY AFFECT THE RESPIRATORY AND CARDIOVASCULAR SYSTEMS, LIVER, AND KIDNEYS.

**Medical Cond Aggravated By Exposure**

WOMEN MAY BE MORE SUSCEPTIBLE TO THE SYSTEMIC EFFECTS FROM ANTIMONY EXPOSURE. ANTIMONY CROSSES THE PLACENTA, AND IS PRESENT IN AMNIONIC FLUID, AND IS EXCRETED IN HUMAN MILK.

**First Aid Information**[TOP](#)

INHALATION: REMOVE FROM EXPOSURE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. CALL A PHYSICIAN. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS WITH SOAP AND LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. EYE CONTACT: WASH EYE WITH LARGE AMOUNT OF WATER OR NORMAL SALINE. GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING IF THE INDIVIDUAL IS CONSCIOUS. CALL A PHYSICIAN.

**Spill Release Procedures**[TOP](#)

DO NOT TOUCH SPILLED MATERIAL. STOP LEAK IF POSSIBLE. TAKE UP WITH SAND OR OTHER ABSORBENT AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. USE A CLEAN, DRY SHOVEL. ISOLATE HAZARD AREA AND DENY ENTRY.

**Neutralizing Agent**

NOT APPLICABLE

**Waste Disposal Methods**[TOP](#)

CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSAL MUST BE IN ACCORDANCE WITH STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE, 40 CFR 262. EPA HAZARDOUS WASTE NUMBER D001.

**Handling and Storage Precautions**[TOP](#)

STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

**Other Precautions**

MAY BURN BUT DOES NOT IGNITE.

**Fire and Explosion Hazard Information**[TOP](#)

**Flash Point Method:** N/P

**Flash Point:**

**Flash Point Text:** UNKNOWN

**Autoignition Temp:**

**Autoignition Temp Text:** N/A

**Lower Limits:** 0.42 OZ/FT3

**Upper Limits:** UNKNOWN



**Extinguishing Media**

DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER SPRAY OR ALCOHOL FOAM. FOR LARGE FIRES, USE WATER SPRAY, FOG OR ALCOHOL FOAM.

**Fire Fighting Procedures**

MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. COOL FIRE-EXPOSED CONTAINERS WITH WATER FROM SIDE UNTIL WELL AFTER FIRE IS OUT. STAY AWAY FROM STORAGE TANK ENDS.

**Unusual Fire/Explosion Hazard**

COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICE.

**Control Measures**[TOP](#)**Respiratory Protection**

THE SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND IN THE WORK PLACE AND BE JOINTLY APPROVED BY THE NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH AND THE MINE SAFETY AND HEALTH ADMINISTRATION.

**Ventilation**

PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

**Protective Gloves**

ANY GLOVES TO PREVENT CONTACT.

**Eye Protection**

DUST RESISTANT SAFETY GOGGLES.

**Other Protective Equipment**

NONE REQUIRED

**Work Hygienic Practices**

WASH THOROUGHLY BEFORE EATING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health**

REPORTABLE QUANTITY (RQ): 5000 POUNDS. THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) SECTION 304 REQUIRES THAT A RELEASE EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITY FOR THIS SUBSTANCE BE IMMEDIATELY REPORTED TO THE LOCAL EMERGENCY PLANNING COMMITTEE AND THE STATE EMERGENCY RESPONSE COMMISSION.

**Physical/Chemical Properties**[TOP](#)**HCC: T4****NRC/State LIC No: N/R**

Net Prop WT For Ammo: N/R

**Boiling Point:**

**B.P. Text:** 3182F,1750C

**Melt/Freeze Pt:**

**M.P/F.P Text:** 1202F,650C

**Decomp Temp:**

**Decomp Text:** UNKNOWN

**Vapor Pres:** 1 @1627F

**Vapor Density:** N/K

**Volatile Org Content %:**

**Spec Gravity:** 6.684

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:** N/P

**Evaporation Rate & N/K**

**Reference:**

**Solubility in Water:** INSOLUBLE

**Appearance and Odor:** SILVERY-WHITE LUSTROUS METAL.

**Percent Volatiles by Volume:** N/P

**Corrosion Rate:** UNKNOWN

*Seton Resource Center*

*Allow access to non-virtual folders: 0*

Reactivity Data

[TOP](#)

**Stability Indicator:** YES

**Stability Condition To Avoid:** HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

**Materials To Avoid:** ACIDS, ALKALINE NITRATES, AMMONIUM NITRATE, AQUA REGIA, BROMINE, CHLORIC ACID, CHLORINES, FLOURINE AND OTHER MATERIALS.

**Hazardous Decomposition** MAY RELEASE TOXIC STIBINE GAS UNDER  
**Products:** THERMAL DECOMPSITION. STIRRED ANTIMONY HALIDE YIELDS EXPLOSIVE ANTIMONY.

**Hazardous Polymerization** NO  
**Indicator:**

**Conditions To Avoid** NOT APPLICABLE  
**Polymerization:**

Toxicological Information

[TOP](#)

**Toxicological Information:**N/P

Ecological Information

[TOP](#)

**Ecological:** N/P

MSDS Transport Information

[TOP](#)

Transport Information:N/P

Regulatory Information

[TOP](#)

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

[TOP](#)

Other N/P  
Information:

HMIS Transportation Information

[TOP](#)

Responsible Party Cage: 22527

Trans ID NO: 46510

Product ID: ANTIMONY

MSDS Prepared Date: 03/15/1989

Review Date: 04/08/1992

MFN: 1

Submitter: D DG

Status C

CD:

Article W/O MSDS: N

Radioactivity:

Tech Entry NOS Shipping Nm:

Form:

Net Explosive Weight:

Coast Guard AMMO Code:

Magnetism: N/P

Net Unit Weight: N/K

DOD Exemption NUM:

AF MMAC Code:

Limited Quantity IND:

Multiple KIT Number: 0

Kit Part IND: N

Kit IND: N

Review IND: Y

Unit Of Issue: LB

Type Of Container: BOTTLE

Additional Data:

Container QTY: 1 LB.

Detail DOT Information

[TOP](#)

DOT PSN Code: BGP

Symbols:

**DOT Proper Shipping Name:** ANTIMONY POWDER

**DOT PSN Modifier:**

**Hazard Class:** 6.1

**UN ID Num:** UN2871

**DOT Packaging Group:** III

**Label:** KEEP AWAY FROM FOOD

**Special Provision:**

**Packaging Exception:** 153

**Non Bulk Pack:** 213

**Bulk Pack:** 240

**Max Qty Pass:** 100 KG

**Max Qty 200 KG**

**Cargo:**

**Vessel Stow Req:** A

**Water/Ship/Other Req:**

[Detail IMO Information](#)

[TOP](#)

**IMO PSN Code:** BMA

**IMO Proper Shipping Name:** ANTIMONY POWDER

**IMO PSN Modifier:**

**IMDG Page Number:** 6071

**UN Number:** 2871

**UN Hazard Class:** 6.1

**IMO Packaging Group:** III

**Subsidiary Risk Label:**

**EMS Number:** 6.1-03

**MED First Aid Guide NUM:** 130

[Detail IATA Information](#)

[TOP](#)

**IATA PSN Code:** CIJ

**IATA UN ID NUM:** 2871

**IATA Proper Shipping Name:** ANTIMONY POWDER

**IATA PSN Modifier:**

**IATA UN Class:** 6.1

**Subsidiary Risk Class:**

**IATA Label:** TOXIC

**UN Packing Group:** III

**Packing Note Passenger:** 619

**Max Quant Pass:** 100KG

**Max Quant Cargo:** 200KG

**Packaging Note Cargo:** 619

**Exceptions:**

[Detail AFI Information](#)

[TOP](#)

AFI PSN Code: CIJ

AFI Symbols:

AFI Proper Shipping Name: ANTIMONY POWDER

AFI PSN Modifier:

AFI Hazard Class: 6.1

AFI UN ID NUM: UN2871

AFI Packing Group: III

AFI Label:

Special Provisions: P5

Back Pack Reference: A10.6

HMIS HAZCOM Label

[TOP](#)

Product ID: ANTIMONY

Cage: 22527

Assigned IND: N

Company Name: FISHER SCIENTIFIC CO

Street: 585 ALPHA DR

PO Box:

City: PITTSBURGH

State: PA

Zipcode: 15238-2911

Country: US

Health Emergency Phone: 201-796-7523

Label Required IND: Y

Date Of Label Review: 04/08/1992

Status Code: C

MFG Label NO:

Label Date: 04/08/1992

Year Procured: N/K

Origination Code: F

Chronic Hazard IND: N/P

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Slight

Reactivity Hazard: Moderate

**Hazard And Precautions**



ACUTE: INHALATION MAY CAUSE IRRITATION OF THE RESPIRATORY AND GASTROINTESTINAL TRACTS. SKIN CONTACT MAY CAUSE IRRITATION WITH ITCHING. CHRONIC: INGESTION MAY CAUSE SORES IN THE MOUTH AND THROAT, NAUSEA, AND OTHER SYMPTONS. STORE AWAY FROM INCOMPATIBLE SUSTANCES. FIRST AID: INHALATION: REMOVE FROM EXPOSURE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. CALL A PHYSICIAN. SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. EYE CONTACT: WASH EYE WITH LARE AMOUNT OF WATER OR NORMAL SALINE. GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING IF THE INDIVIDUAL IS CONSCIOUS. CALL A PHYSICIAN.

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