



DOD Hazardous Material Information
DOD 6050.5-L
As of April 1997

This information prepared for Cornell University convenience only.

ARSENIC TRIOXIDE

FSC: 6810

NIIN: 002628576

NSN: 68100026285766

MANUFACTURERS CAGE: 62910

PART NO INDICATOR: A

PART NUMBER TRADE NAME: ARSENIC TRIOXIDE

Nuclear Water Data

NUCLEAR WATER FSC: ARSE

NUCLEAR WATER NIIN: NIC TRIOX

NUCLEAR WATER COG: ID

NUCLEAR WATER NOMENCLATURE: E,ACS

NUCLEAR WATER REMARKS: MALLINCKRO

Standard PMS Identification Data

SPIN FSC: DT I

SPIN NIIN: NC, SCIEN

SPIN: CE PR

General Information

ITEM NAME: ODUCTS DIV PARIS BYPASS

MANUFACTURERS NAME: M PARIS KY

MANUFACTURERS STREET: US40361 314-982-5000

MANUFACTURERS P O BOX:

MANUFACTURERS CITY: 606-987-7000

MANUFACTURERS STATE:

MANUFACTURERS COUNTRY:

MANUFACTURERS ZIP CODE:

MANUFACTURERS EMERG PH:

MANUFACTURERS INFO PH:

DISTRIBUTOR VENDOR 1:

DISTRIBUTOR VENDOR 1 CAGE:

DISTRIBUTOR VENDOR 2:

DISTRIBUTOR VENDOR 2 CAGE:

DISTRIBUTOR VENDOR 3: K 002003SM 06APR8907NOV92CX

DISTRIBUTOR VENDOR 3 CAGE:

DISTRIBUTOR VENDOR 4:

DISTRIBUTOR VENDOR 4 CAGE:

SAFETY DATA ACTION CODE:

SAFETY FOCAL POINT:

RECORD NO FOR SAFETY ENTRY:

TOT SAFETY ENTRIES THIS STK:

STATUS:

DATE MSDS PREPARED:

SAFETY DATA REVIEW DATE:

SUPPLY ITEM MANAGER:

MSDS PREPARERS NAME:

PREPARERS COMPANY:

PREPARERS ST OR P O BOX:

PREPARERS CITY: BDQCCO-C-265 N/R

PREPARERS STATE:

PREPARERS ZIP CODE: T3

OTHER MSDS NUMBER: BT4 OZ 4 OZ

MSDS SERIAL NUMBER:

SPECIFICATION NUMBER: N/R

SPEC TYPE GRADE CLASS: N/RTRANSPARENT

HAZARD CHARACTERISTIC CODE: CRYST

UNIT OF ISSUE: AL

UNIT OF ISSUE CONTAINER QTY: S/WHITE POWDE

TYPE OF CONTAINER: R,ODORLESS.

NET UNIT WEIGHT:

NRC STATE LICENSE NUMBER:

NET EXPLOSIVE WEIGHT:

NET PROPELLANT WEIGHT AMMO: 465C(

COAST GUARD AMMUNITION CODE: 869

Physical & Chemical Characteristics

APPEARANCE AND ODOR: F) N/R N/K 3.74 N/K

BOILING POINT: MODERA

MELTING POINT: TE

VAPOR PRESSURE MM HG 70 F: N/K

VAPOR DENSITY AIR 1:

SPECIFIC GRAVITY: N/R

DECOMPOSITION TEMPERATURE:

EVAPORATION RATE AND REF: N/P NONE

SOLUBILITY IN WATER: N/P N/

PERCENT VOLATILES BY VOLUME: R

VISCOSITY: N/R

PH: EXT

RADIOACTIVITY: INQUISH W. A

FORM RADIOACTIVE MATL: GENT SUI

MAGNETISM MILLIGAUSS: TABLE

CORROSION RATE IPY: FOR SUR

AUTOIGNITION TEMPERATURE: ROUNDI

Fire and Explosion Hazard Data

FLASH POINT: NG FIRE.

FLASH POINT METHOD:

LOWER EXPLOSIVE LIMIT:

UPPER EXPLOSIVE LIMIT:

EXTINGUISHING MEDIA: WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL CONTR.

SPECIAL FIRE FIGHTING PROC: NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

UNUSUAL FIRE AND EXPL HAZRDS: YESN/K

Reactivity Data**STABILITY:**

COND TO AVOID STABILITY: ACIDS,OXIDIZRS,MERCURY,HF,OXYGEN DIFLUORIDE,SOD CHLORT,F*2.

MATERIALS TO AVOID: GIVES FUMES OF ARSENIC WHEN HEATED

HAZARDOUS DECOMP PRODUCTS: NO N/K

HAZARDOUS POLY OCCUR:

CONDITIONS TO AVOID POLY: LD50 = 20 MG/KG YESYESYESINHALED: MAY CAUSE INFLAMATION OF THE M

Health Hazard Data

LD50 LC50 MIXTURE: UCOUS MEMBRANES WITH COUGH AND FOAMY SPU

ROUTE OF ENTRY INHALATION: TUM

ROUTE OF ENTRY SKIN: , R

ROUTE OF ENTRY INGESTION: EST

HEALTH HAZ ACUTE AND CHRONIC: LESSNESS, DYSPNEA, CYANOSIS, AND RALES. INGESTED: HIGHLY TOXIC. MAY CAUSE BURNING IN ESOPHAGUS, VOMITING, AND BLOODY DIARRHEA. SKIN: MAY CAUSE IRRITATION, WITH REDNESS, PAIN. EYE: MAY CAUSE IRRITATION AND CONJUNCTIVA DAMAGE. YES YES YES LISTED BY ALL 3 ABOVE AGENCIES AS CARCINOGENIC.

CARCINOGENICITY NTP:

CARCINOGENICITY IARC:

CARCINOGENICITY OSHA:

EXPLANATION CARCINOGENICITY: INGESTED: COLD AND CLAMMY SKIN, LOW BLOOD PRESSURE, WEAKNESS, HEADACHE, CRAMPS, CONVULSI

SIGNS SYMPTOMS OF OVEREXP: ONS, AND COMA MAY FOLLOW. INHALED: SIMILAR TO SYSMPTOMS OF INGESTION. NO INFORMATION FOUND.

MED COND AGGRAVATED BY EXP: INHALED: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHIN

EMERGENCY FIRST AID PROC: G IS DIFFICULT, GIVE OXYGEN. INGESTED: INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES OF WATER AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN/EYE: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. VENTILATE AREA OF LEAK OR SPILL. CLEAN-UP PERSONNEL REQUIRE PROTECTIVE CLOTHING AND RESP

Precautions for Safe Handling and Use

STEPS IF MATL RELEASED SPILL: IRATORY PROTECTION FROM DUST. PICK UP AND PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOES NOT GENERATE DUST. WHATEVER

NEUTRALIZING AGENT: CANNOT BE SAVED FOR RECLAMATION MAY BE DISPOSED IN A RCRA APPROVED HAZARDOUS WA

WASTE DISPOSAL METHOD: STE FACILITY. KEEP IN TIGHTLY CLOSED CONTNRS AT COOL, DRY, VENTILATED PLACE. PROTECT AGAINST PHY DAMAGE.

PRECAUTIONS HANDLING STORING: ISOLATE FROM INCOMPATIBLES. AVOID BREATHING DUST. USE W/ADEQUATE VENTILATION. KEEP CONTAINRS CLOSED. WASH THOROUGHLY AF

OTHER PRECAUTIONS: TER HANDLING. AVOID SKIN, EYES & CLOTHING CONTACT. SHOWER, DISPOSE OF OUTER CLOTHING CHG CLEAN CLOTHS EV DAY IF THE PEL IS EXCEEDED, A HALF-MASK AIR-PURIFYING RESPIRATOR EQUIPPED WITH A HIGH-EFFICI

Control Measures

RESPIRATORY PROTECTION: ENCY FILTER, OR ANY HALF-MASK SUPPLIED AIR RESPIRATOR MAY BE WORN UP TO CONCENTRATIONS OF 100 UG PER CUBIC METER. A SYSTEM OF LOCAL AND/OR GENERAL EXHAUST IS RECOMMENDED.

VENTILATION: IMPERVIOUS GLOVES. CHEMICAL SAFETY GOGGLES. IMPERVIO

PROTECTIVE GLOVES: US CLOTHING, BOOTS, LAB COAT, APRON OR C

EYE PROTECTION: OVERALLS.

OTHER PROTECTIVE EQUIPMENT:

WORK HYGIENIC PRACTICES: MSDS FM MFR DATED, 19 JUL 86, CONFORMS OSHA HAZ COMM STD; PER ACGCH PUB 85-86, ARSENIC TRIOX

SUPL SAFETY HEALTH DATA: IDE IS SUSPECTD/CONFRMD HUMAN CARCINOGEN; NTP, IARC & OSHA SUSPECT ARSENIC COMPS AS CARCINOGEN. K 92312BKX ARSENIC TRIOXIDE

Transportation Data

TRANSPORTATION ACTION CODE:

TRANSPORTATION FOCAL POINT:

TRANS DATA REVIEW DATE:

DOT PSN CODE:

DOT SYMBOL:

DOT PROPER SHIPPING NAME: 6.1 UN1561 II POISON N/R BQH ARSENIC TR

DOT CLASS: IOXIDE

DOT ID NUMBER:

DOT PACK GROUP:

DOT LABEL:

DOT DOD EXEMPTION NUMBER:

IMO PSN CODE:

IMO PROPER SHIPPING NAME: 6078 15616.1 - CPR 1561 ARSENIC TRIOXIDE

IMO REG PAGE NUMBER:

IMO UN NUMBER:

IMO UN CLASS:

IMO SUBSID RISK LABEL:

IATA PSN CODE:

IATA UN ID NUMBER:

IATA PROPER SHIP NAME: 6.1 TOXIC CPR ARSENIC TRIOXIDE

IATA UN CLASS:

IATA SUBSID RISK CLASS:

IATA LABEL:

AFI PSN CODE:

AFI SYMBOLS:

AFI PROP SHIPPING NAME: 6.1 UN1561 II POISON

AFI CLASS:

AFI ID NUMBER:

AFI PACK GROUP: 10-

AFI LABEL: 12

AFI SPECIAL PROV:

AFI BASIC PAC REF:

MMAC CODE:

N O S SHIPPING NAME: REPORTABLE QUANTITY IS 1 POUND.

ADDITIONAL TRANS DATA: E 88270 01001YESMSDS FM MFR DATED,19 JUL 86,CONFORMS OSHA HAZ COMM STD;PER ACGCH PUB 8

Disposal Data

DISPOSAL DATA ACTION CODE: 5

DISPOSAL DATA FOCAL POINT: -8

DISPOSAL DATA REVIEW DATE: 6,ARSEN

RECNUM FOR THIS DISP ENTR: IC

TOT DISP ENTRIES PER NSN: TR

LANDFILL BAN ITEM: IOX

DISPOSAL SUPPLEMENTAL DAT: IDE IS SUSPECTD/CONFRMD HUMAN CARCINOGEN;NTP,IARC & OSHA SUSPECT ARSENIC COMPS AS CARCINOGEN. IN CASE OF ACCIDENTAL EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS. P012ARSENIC TRIOXIDE; ARSENIC (III) OXIDE

EPAHAZWST 1ST CODE NEW:

EPAHAZWST 1ST NAME NEW: ACUTELY TOXIC (H) YES

EPAHAZWST 1ST CHAR NEW:

EPAACUTEHAZARD 1ST NEW:

EPAHAZWST 2ND CODE NEW:

EPAHAZWST 2ND NAME NEW:

EPAHAZWST 2ND CHAR NEW:

EPAACUTEHAZARD 2ND NEW:

EPAHAZWST 3RD CODE NEW:

EPAHAZWST 3RD NAME NEW: YES07NOV92 F ARSENIC TRIOXIDE

EPAHAZWST 3RD CHAR NEW:

EPAACUTE 3RD HAZARD NEW:

Label Data

LABEL REQUIRED:

TECHNICAL REVIEW DATE: YES

LABEL DATE: DANGER!

MFR NUMBER: X XX X

LABEL STATUS: I

COMMON NAME: NHALED; MAY CAUSE INFLAMATION OF THE MUCOUS MEMBRANES WITH C

CHRONIC HAZARD: OUG

SIGNAL WORD: H AND FO

ACUTE HEALTH HAZARD NONE: A

ACUTE HEALTH HAZARD SLIGHT: M

ACUTE HEALTH HAZARD MODERATE: Y

ACUTE HEALTH HAZARD SEVERE:

CONTACT HAZARD NONE: S

CONTACT HAZARD SLIGHT: P

CONTACT HAZARD MODERATE: U

CONTACT HAZARD SEVERE: T

FIRE HAZARD NONE: U

FIRE HAZARD SLIGHT: M

FIRE HAZARD MODERATE: ,

FIRE HAZARD SEVERE:

REACTIVITY HAZARD NONE: R

REACTIVITY HAZARD SLIGHT: E

REACTIVITY HAZARD MODERATE: S

REACTIVITY HAZARD SEVERE: T

SPECIAL HAZARD PRECAUTIONS: LESSNESS, DYSPNEA, CYANOSIS, AND RALES. INGESTED: HIGHLY TOXIC. MAY CAUSE BURNING IN ESOPHAGUS, VOMITING, AND BLOODY DIARRHEA. SKIN: MAY CAUSE IRRITATION, WITH REDNESS, PAIN. EYE: MAY CAUSE IRRITATION AND CONJUNCTIVA DAMAGE. FIRST AID: INHALED: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTED: INDUCE VOMITING IMMEDIATELY BY GIVING

2 GLASSES OF WATER AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN/EYE: FLUSH WITH WATER FOR 15 MINUTES. YYMALLINCKRODT INC, SCIENCE PRODUCTS DIV PARIS BYPASS

PROTECT EYE:

PROTECT SKIN:

PROTECT RESPIRATORY:

LABEL NAME: M PARIS KY

LABEL STREET: 40361 US314-982-5000

LABEL P O BOX:

LABEL CITY:

LABEL STATE:

LABEL ZIP CODE:

LABEL COUNTRY:

LABEL EMERGENCY NUMBER:

YEAR PROCURED:

FIRE HAZARD SEVERE:

REACTIVITY HAZARD NONE: R

REACTIVITY HAZARD SLIGHT: E

REACTIVITY HAZARD MODERATE: S

REACTIVITY HAZARD SEVERE: T

SPECIAL HAZARD PRECAUTIONS: LESSNESS, DYSPNEA, CYANOSIS, AND RALES. INGESTED: HIGHLY TOXIC. MAY CAUSE BURNING IN ESOPHAGUS, VOMITING, AND BLOODY DIARRHEA. SKIN: MAY CAUSE IRRITATION, WITH REDNESS, PAIN. EYE: MAY CAUSE IRRITATION AND CONJUNCTIVA DAMAGE. FIRST AID: INHALED: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTED: INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES OF WATER AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN/EYE: FLUSH WITH WATER FOR 15 MINUTES. YYMALLINCKRODT INC, SCIENCE PRODUCTS DIV PARIS BYPASS

PROTECT EYE:

PROTECT SKIN:

PROTECT RESPIRATORY:

LABEL NAME: M PARIS KY

LABEL STREET: 40361 US314-982-5000

LABEL P O BOX:

LABEL CITY:

LABEL STATE:

LABEL ZIP CODE:

LABEL COUNTRY:

LABEL EMERGENCY NUMBER:

YEAR PROCURED:

Page Created 10/25/97 12:36:19 PM