

CADMIUM ATOMIC ABSORPTION STANDARD

MSDS Number

BBHJJ

National Stock Number

6850-00F000799

Product Name

CADMIUM ATOMIC ABSORPTION STANDARD

Manufacturer

MALLINCKRODT INC

Product Identification

Product ID: CADMIUM ATOMIC ABSORPTION STANDARD

MSDS Date: 01/13/1988

FSC: 6850

NIIN: 00F000799

MSDS Number: BBHJJ

Responsible Party

MALLINCKRODT INC

PARIS BYPASS

PARIS , KY 40361

US

Emergency Phone: 314-982-5000

Info Phone: 314-982-5000

Cage: 62910

Contractor

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

Ingredients

CADMIUM (SARA III)

CAS: 7440-43-9

RTECS: EU9800000

Fraction By Weight: 0.1%

OSHA PEL 0.1MG/M3 FUME; 0.2DUST

ACGIH TLV: 0.05 MG/M3 DUST; 9192

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

HYDROCHLORIC ACID, HYDROGEN CHLORIDE, MURIATIC ACID

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight:

OSHA PEL5 PPM

ACGIH TLV: C 11 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 99%

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): 225 MG/KG (CADMIUM)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:INGESTION: GASTROINTESTINAL DISTURBANCES. EYES: IRRITATION. CADMIUM POISONING ARE PRINCIPALLY DETERIORATION OF KIDNEY & LIVER FUNCTIONS & POSSIBLY THE DEVELOPMENT OF KIDNEY STONES/OTHER EVIDENCE OF DI STRUBED CALCIUM METABOLISM.

Explanation of Carcinogenicity:SEE INGREDIENTS

Effects of Overexposure:SKIN: PAIN IN SENSITIVE/ABRADED AREAS.

Medical Cond Aggravated by Exposure:SKIN DISORDERS, EYE PROBLEMS, IMPAIRED LIVER, KIDNEY, OR RESPIRATORY FUNCTION.

First Aid

First Aid:INHULATION: REMOVE TO FRESH AIR. INGESTION: INDUCE VOMITING BY GIVING TWO GLASSES OF WATER/MILK. SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Extinguishing Media:NOT A FIRE HAZARD. SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:APPROPRIATE CLOTHING & EQUIP FOR SURROUNDING FIRE.

Unusual Fire/Explosion Hazard:NOT AN EXPLOSION HAZARD.

Accidental Release

Spill Release Procedures:COVER SPILL W/NEUTRALIZER & MIX. SCOOP, MOP, OR WET VACUUM AS APPROPRIATE. NEUTRALIZED WASTE MAY BE TRANSFERRED TO CLOSED METAL CONTAINER.

Neutralizing Agent:SODIUM BICARBONATE, SODA ASH

Handling

Handling and Storage Precautions:KEEP FROM FREEZING. STORE IN TIGHTLY CLOSED CONTAINER IN COOL, DRY, VENTILATED AREA. WEAR PROTECTIVE EQUIPMENT. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:SHOWER & DISPOSE OF OUTER CLOTHING, CHANGE TO CLEAN GARMENTS AT END OF DAY. AVOID CROSS-CONTAMINATION OF STREET CLOTHES. AVOID CONTACT W/EYES/SKIN/CLOTHING. AVOID BREATHING MIST.

Exposure Controls

Respiratory Protection:WEAR SUPPLIED AIR, FULL-FACEPIECE, AIRLINE HOOD, OR SCBA IF LEVELS ARE EXCEEDED.

Ventilation:LOCAL (PREFERRED) OR GENERAL EXHAUST IS RECOMMENDED.

Protective Gloves:REQUIRED

Eye Protection:SAFETY GLASSES

Other Protective Equipment:CLEAN BODY COVERING CLOTHING

Work Hygienic Practices:WASH HANDS, FACE, FOREARMS, NECK AFTER EXPOSURE & BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text: 212F
Melt/Freeze Pt:M.P/F.P Text: 32F
Vapor Pres:AS WATER
Vapor Density:AS WATER
Spec Gravity: 1.0
Evaporation Rate & Reference:AS WATER
Solubility in Water:MISCIBLE
Appearance and Odor:CLEAR, COLORLESS LIQUID, SLIGHT ACIDIC ODOR

Stability

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:FREEZING

Disposal

Waste Disposal Methods:DISPOSE I/A/W LOCAL, STATE & FEDERAL REGULATIONS.

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