

ALUMINUM STANDARD, 1000 PPM, A-185

MSDS Number

CBDWK

National Stock Number

6810-00N066749

Product Name

ALUMINUM STANDARD, 1000 PPM, A-185

Manufacturer

RED BIRD SERVICE

Product Identification

Product ID:ALUMINUM STANDARD, 1000 PPM, A-185

MSDS Date:12/30/1993

FSC:6810

NIIN:00N066749

MSDS Number: CBDWK

Responsible Party

RED BIRD SERVICE

205 WESTERN AVE

OSGOOD , IN 47037

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 800-428-3502

Preparer: GENE C FEITH

Cage: 0H0Z7

Contractor

RED BIRD SERVICE

OSGOOD, IN 47037

US

812-689-4040;800-428-3502

Cage: 0H0Z7

Ingredients

ALUMINUM (SARA 313)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 0.1-2.5%

OSHA PEL15 MG/M3 DUST

ACGIH TLV: 10 MG/M3 DUST

HYDROCHLORIC ACID (SARA 302/313) (CERCLA)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight: 2%

OSHA PEL5 PPM, C

ACGIH TLV: 5 PPM, C

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: BALANCE

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:SOLN CAN BE IRRIT IN EYES & RESP

SYSTEM. ALUMINUM METAL IN MOST FORMS IS NOT TOXIC. IT IS NOT

READILY ABSORBED THRU SKIN/GI TRACT & ONLY POORLY THRU LUNGS.

FILINGS/SPLINTERS OF METAL EMBEDDED IN SKIN ARE NOT SENSITIZING.

CHRONIC INHAL OF MASSIVE LEVELS OF FINE POWDER RPTD TO CAUSE PULM

FIBROSIS &(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:RPTD TO CAUSE PULM FIBROSIS &

EMPHYSEMA. A SINGLE CASE RPTD OF FIBROSIS OCCURRING

W/ENCEPHALOPATHY AFTER 13.5 YEARS WORKING W/FINE POWDER. (IN ANIMAL

TESTING & IN US INDUSTRY NO FIBROSIS, EMP HYSEMA/ENCEPHALOPATHY HAS

BEEN REPORTEDFROM AL POWDER INHALATION).

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYE:FLUSH WELL W/RUNNING H*20 FOR AT LEAST 15 MINUTES, INCLG

UNDER EYELIDS, TO REMOVE SOLN. GET MED HELP IF IRRIT PERSISTS. SOLN

IS VERY MILDLY CORR. BURNS TO EYES ARE POSS IF NOT PROMPTLY WASHED

OUT. SKIN:FLUSH W/H*20 THEN WASH WELL W/SOAP & H*20. GET MED ATTN

IF IRRIT DEVEL. INHAL:REMOVE TO FRESH AIR. GET MED HELP FOR

COUGH/BRTHG DFCLTY. INGEST:GIVE SEVL GLASSES OF H*20 FOLLOWED BY

MILK(SUPDAT)

Fire Fighting

Extinguishing Media:USE THAT WHICH IS APPROPRIATE FOR THE SURROUNDING
FIRE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:NEUTRALIZE WITH SODA ASH/LIME AND FLUSH

REMAINING RESIDUE TO DRAIN WITH AN EXCESS AMOUNT OF WATER.

Neutralizing Agent:SODA ASH/LIME.

Handling

Handling and Storage Precautions:STORE IN SEALED CNTNRS IN DRY AREA,
AWAY FROM SOURCES OF HEAT/IGNIT, OXIDIZING AGENTS, COMBUST, ACIDS,
ALKALIS, HALOGENS, CARBON DISULFIDE & (SUPDAT)

Other Precautions:PROTECT CONTAINERS FROM PHYSICAL DAMAGE; EXCLUDE
MOISTURE AND HUMID AIR. CONTACT LENSES POSE A SPECIAL HAZARD; SOFT
LENSES ABSORB AND ALL LENSES CONCENTRATE IRRITANTS.

Exposure Controls

Respiratory Protection:WHERE ALUMINUM DUST/FUME OCCURS, USE OF A
NIOSH/MSHA APPROVED RESPIRATOR MAY BE INDICATED.

Ventilation:PROVIDE GENERAL AND LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.
Protective Gloves:RUBBER GLOVES.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS(SUPDAT)
Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA.
Work Hygienic Practices:LAUNDER ALL CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
FIRST AID PROC:OF MAGNESIA/DILUTE VINEGAR. CITRUS JUICES MAY ALSO BE USED. DUE TO MILD ACIDITY OF HYDROCHLORIC ACID, VOMIT MAY BE INDUCED IF ADVISED BY MD. CONTACT MD AS SOON AS POSSIBLE. EYE PROT: & FULL LENGTH FACESHIELD. HNDLG/STOR: & HALOGENATED HYDROCARBONS.

Chemical Properties

Boiling Pt:B.P. Text:212F,100C
Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C
Vapor Pres:14(WATER)
Vapor Density:0.7(WATER)
Spec Gravity:1 (H*2O=1)
Evaporation Rate & Reference:1 (WATER=1)
Solubility in Water:COMPLETE
Appearance and Odor:A CLEAR, COLORLESS LIQUID WITH NO ODOR.
Percent Volatiles by Volume:99

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS, COMBUSTIBLES, ACIDS, ALKALIS, HALOGENS, CARBON DISULFIDE AND HALOGENATED HYDROCARBONS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:TOXIC FUMES OF CHLORINE AND OXIDES OF ALUMINUM.

Disposal

Waste Disposal Methods:DEPOSIT UNSALVAGEABLE WASTE IN APPROVED LANDFILL. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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