View NSN Online: https://aerobasegroup.com/nsn/6140-00-068-7356

ALCAD INC -- BATT,WET,FILL W/ALKALI,8,UN2795,PGIII(NICD BATT);SAFT MP702T 6140-00-068-7356

============= Product Identification ==================

Product ID:BATT,WET,FILL W/ALKALI,8,UN2795,PGIII(NICD BATT);SAFT MP702T

MSDS Date:01/31/1995

FSC:6140

NIIN:00-068-7356

MSDS Number: CGWZD === Responsible Party === Company Name:ALCAD INC Address:73 DEFCO PARK RD

City:NORTH HAVEN

State:CT ZIP:06473 Country:US Info Phone

Num:203-234-8333

Emergency Phone Num:203-234-8333/800-424-9300(CHEMTREC)

CAGE:0E9S8

=== Contractor Identification === Company Name:ALCAD INC Address:73 DEFCO PARK RD Box:City:NORTH HAVEN

State:CT ZIP:06473 Country:US

Phone:203-234-8333

CAGE:0E9S8

======= Composition/Information on Ingredients ========

Ingred Name: CADMIUM (SARA 313) (CERCLA) PLUS INGRED #2

CAS:7440-43-9

RTECS #:EU9800000 Fraction by Wt: 6%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:0.2 MG/M3 DUST; Z-2

ACGIH TLV:0.0

1 MG/M3 DUST;9596 EPA Rpt Qty:10 LBS DOT Rpt Qty:10 LBS

Ingred Name: CADMIUM HYDROXIDE PLUS INGRED #1

CAS:21041-95-2

Fraction by Wt: SEE #1%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:0.05 MG CD/M3 ACGIH TLV:0.05 MG CD/M3

Ingred Name: NICKEL (SARA 313) (CERCLA) PLUS INGRED #4

CAS:7440-02-0

RTECS #:QR5950000 Fraction by Wt: 9%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9596

Ingred Name: NICKEL HYDROXIDE (SARA 313) (CERCLA) PLUS INGRED #3

CAS:12054-48-7 RTECS #:QR7040000

Fraction by Wt: SEE #3%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG(NI)/M3

ACGIH TLV:0.1 MG(NI)/M3; 9596

EPA Rpt Qty:10 LBS DOT Rpt Qty:10 LBS

Ingred Name: POTASSIUM HYDROXIDE (CERCLA); KOH; CAUSTIC POTASH

CAS:1310-58-3

RTECS #:TT2100000 Fraction by Wt: 10%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name:LITHIUM HYDROXIDE; LIOH; LITHIA

CAS:1310-65-2

RTECS #:OJ6307070 Fraction by Wt: 0.5% Other REC Limits:N

ONE RECOMMENDED LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER. Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Health Hazards Acute and Chronic: ACUTE EXPO: KOH-BURNS TO TISSUE CONTACTED:NICKEL-POSSIBLE CONTACT DERMATITIS.CHRONIC EXPO:CADMIUM-POSSIBLE LUNG OR KIDNEY DAMAGE.NICKEL-POSSIBLE LUNG DAMAGE. **Explanation of Carcinogenicity:PER** MSDS:CA RCINOGENICITY-CD,NI.NTP/IARC/OSHA:YES. Effects of Overexposure:BURNS TO TISSUE CONTACTED, CONTACT DERMATITIS. LUNG/KIDNEY DAMAGE. Medical Cond Aggravated by Exposure: INDIVIDUALS W/PRE-EXISTING DISEASE OF LUNGS MAY HAVE INCREASED SUSCEPTIBILITY TO TOXICITY OF EXCESSIVE EXPOSURES. First Aid:IF KOH ELECTROLYTE SPILLED IMMED FLUSH EYE/SKIN FOR @LEAST 15MINS WHILE REMOVING CONTAM CLOTH/SHOES.MILD ACID MAY BE USED T 0 NEUTRALIZE KOH ON SKIN.IN ALL CASES CONTACT PHYSICIAN.IF SWALLOWED DO NOT I NDUCE VOMITING.DRINK LARGE QUANTITIES OFWATER OR FRUIT JUICE.CONTACT PHYSICIAN. Flash Point:NA Autoignition Temp: Autoignition Temp Text: NP Lower Limits:NA **Upper Limits:NA** Extinguishing Media: SUITABLE FOR SURROUNDING MATERIAL.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING.USE NIOSH/MSHA-APPROVED POSITIVE PRESSURE SELF-CONTAIN

ED BREATHING

APPARATUS.

Unusual Fire/Explosion Hazard:TOXIC CADMIUM OXIDE FUMES MAY BE RELEASED DURING BURNING.POTASSIUM HYDROXIDE RXS VIOLENTLY W/ORG CHEMS,ESPECIALLY NITROCARBONS & CHLOROCARBONS,METALS (ZN,AL,SN)

======== Accidental Release Measures ============

Spill Release Procedures:IF KOH ELECTROLYTE SPILLED COMPLY W/LOCAL, STATE AND FEDERAL REGULATIONS ON REPORTING RELEASES,CONTAINING SILLS/REMEDIATION.CONTAIN SPILL TO SMALLEST POSSIBLE AREA & ABSO

RB AS APPROPRIATE.
Neutralizing Agent:WEAK ACID SOLUTIONS.
============ Handling and Storage ============
Handling and Storage Precautions:AVOID ROUGH HNDLG.DO NOT STORE ABOVE 140F.ALWAYS HAVE WATER SAFETY SHOWERS/EYEWASH FOUNTAINS AVAILABLE. Other Precautions:NO SMOKING REGULATIONS MUST BE ENFORCED DUE TO HYDROGEN GENERATION DURING BATTERY CHARGING.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:IF INCINERATED NIOS H/MSHA APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS. Ventilation:LOCAL EXHAUST-YES-DISCHARGE OUT OF WORK AREA. Protective Gloves:RUBBER ACID-PROOF GAUNTLET GLOVES Eye Protection:CHEM SPLASH GOGG,FULL-LENGTH FACE SHIELD Other Protective Equipment:RUBBER OR PLASTIC APRON & BOOTS;LONG SLEEVE WOOL,ACRYLIC OR POLYESTER CLOTHING;ACID-PROOF SUIT AND HOOD. Work Hygienic Practices:ALWAYS USE EXTREME CARE;WASH THOROUGHLY AFTER HANDLING. Supplemental Safety and Health
======= Physical/Chemical Properties ==========
HCC:B1 Boiling Pt:B.P. Text:NA Melt/Freeze Pt:M.P/F.P Text:NA Decomp Temp:Decomp Text:NP Vapor Pres:NA Vapor Density:NA Spec Gravity:NA pH:NP Viscosity:NP Evaporation Rate & mp; Reference:NA Solubility in Water:NA Appearance and Odor:RECTANGULAR PLASTIC CNTNR ENCLOSING NICKEL & CADMIUM ELECTORDES & KOH ELECTROLT Percent Volatiles by Volume:NP Corrosion Rate:NP
========== Stability and Reactivity Data ==========

tability Indicator/Materials to Avoid:YES
DONT ALLOW KOH TO CONTACT ORGANIC CHEMS,ACIDS OR METALS SUCH AS
ZINC,ALUMINUM,TIN.EXPO TO AIR FORMS POTASSIUM CARBONATE.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:TOXIC CADMIUM OXIDE FUMES MAY BE
RELEASED IF INCINERATED.FLAMM HYDROGEN GAS PRODUCED DURING

======= Disposal Considerations ===========

Waste Disposal Methods: COMPLY W/LOCAL, STATE AND FEDERAL RE GULATIONS.IF

CHARGING.

APPROVED NEURALIZE W/WEAK ACID SOLUTIONS AND TRANSFER TO WASTE TREATMENT SYSTEM.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their particular situation.