

UNICOR FEDERAL PRISON INDUSTRIES INC -- BA-1568/U -- 6135-00-838-0706

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Product Identification
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Product ID:BA-1568/U

MSDS Date:02/17/1994

FSC:6135

NIIN:00-838-0706

MSDS Number: BSRBQ

=== Responsible Party ===

Company Name:UNICOR FEDERAL PRISON INDUSTRIES INC

Address:320 1ST ST NW

City:WASHINGTON

State:DC

ZIP:20534

Country:US

Info Phone Num:202-508-8462

Emergency Phone Num:202-508-8462

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reparer's Name:HMIS TECHNICIAN

CAGE:9V458

=== Contractor Identification ===

Company Name:UNICOR FEDERAL PRISON INDUSTRIES INC

Address:320 1ST ST NW

Box:City:WASHINGTON

State:DC

ZIP:20534

Country:US

Phone:202-508-8462

CAGE:9V458

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Composition/Information on Ingredients
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Ingred Name:MERCURY (SARA 313) (CERCLA)

CAS:7439-97-6

RTECS #:OV4550000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C, 0.1 MG/M3; Z-2

ACGIH TLV:S,0.025 MG/M3; A4;95

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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ingred Name:ZINC (SARA 313) (CERCLA)
CAS:7440-66-6
RTECS #:ZG8600000
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

ingred Name:MANGANESE (SARA 313)
CAS:7439-96-5
RTECS #:OO9275000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 5 MG/M3 DUST
ACGIH TLV:5 MG/M3 DUST 9495

ingred Name:POTASSIUM HYDROXIDE (CERCLA)
CAS:1310-58-3
RTECS #:TT2100000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

ingred Name:SODIUM HYDROXIDE (CERCLA)
CAS:1310-73-2
RTECS #:WB4900000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

ingred Name:INGREDIENTS 4 OR 5 BUT NOT BOTH MAY BE PRESENT. INGREDIENTS
BASED ON INFO FROM TB 43-0134 (ARMY)
RTECS #:9999999ZZ
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

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

y:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EXPOSURE TO MERCURY-ACUTE:

SKIN:IRRITATION, ANURIA. EYE:IRRITATION, CORNEAL INJURY OR BURNS.
INGESTION:IMMEDIATE NECROSIS IN MOUTH, THROAT, ESOPHAGUS & STOMACH.
DEATH MAY OCCURE. INHALATION:DYSPNEA, COUGH, FEVER, NAUSEA &
VOMITING, DIARRHEA, STOMATITIS, SALIVATION & METALLIC TASTE.
CHRONIC: CNS DISTURBANCES.

Explanation of Carcinogenicity:MERCURY, ZINC AND MANGANESE ARE NOT
LISTED BY IARC, NTP, OR OSHA AS CARCI
NOGENS.

Effects of Overexposure:TREMORS, CONVULSIONS & OTHER CNS DISTURBANCES,
PNEUMONITIS, CHEST PAINS, DYSPNEA, COUGHING, STOMATITIS, GINGIVITIS
AND LOOSENING OF TEETH, SALIVATION, LOSS OF MEMORY, METALLIC TASTE,
DIZZINESS, CLUMSI NESS, SLURRED SPEECH, DIARRHEA, PAIN & NUMBNESS
IN EXTREMITIES, NEPHRITIS, ANXIETY, HEADACHE, WEIGHT LOSS, AND
INSOMNIA.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF
ALCOHOLISM, CHRONIC KIDNEY DISEASE OR KNOWN ALLERGY TO MERCU
RY MAY
BE AT INCREASED RISK FROM EXPOSURE TO MERCURY IF THE BATTERY IS
RUPTURED.

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===== First Aid Measures =====

First Aid:IF EXPOSED TO RUPTURED BATTERY-INHALATION: REMOVE TO FRESH
AIR. IF NOT BREATHING GIVE CPR/OXYGEN. GET MEDICAL ATTENTION. EYE:
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET
MEDICAL AT TENTION. SKIN: WASH SKIN WITH PLENTY OF SOAP & WATER.
INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS OF MERCURY. CELL MAY
EXPLODE IN FIRE.

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Accidental Release Measures =====

Spill Release Procedures:PICK UP ALL BATTERIES. FOR A SMALL SPILL OF A RUPTURED BATTERY: COLLECT THE DUST WITH A VACUUM CLEANER AND SAVE FOR DISPOSAL. WASH THE AREA.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT. STACK CARTONS NO MORE THAN 4 LAYERS HIGH ON A PALLET AND NO MORE THAN 3 PALLETS HIGH.

Other Precautions:DO NOT SEAL BATTERIES IN AIR TIGHT OR WATERTIGHT CONTAINERS OR COMPARTMENTS. DO NOT RUPTURE OR THROW BATTERIES IN FIRE. DO NOT RECHARGE BATTERIES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NORMALLY NOT REQUIRED. WEAR MASK WHEN HANDLING DUST FROM RUPTURED BATTERY.

Ventilation:GENERAL/LOCAL EXHAUST VENTILATION.

Protective Gloves:RUBBER, IF HANDLING RUPTURED BATTERY.

Eye Protection:NONE

Other Protective Equipment:NONE REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

THERE ARE NO HEALTH HAZARDS IN HANDLING BATTERIES UNLESS THE BATTERIES ARE RUPTURED. WHEN HANDLING RUPTURED BATTERY DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS. MSDS GENERATED BY HMIS TECHNICIAN/UNABLE TO OBTAIN MSDS FROM UNICOR/DONE FOR TECH SUPPORT. INGREDIENTS ARE BEST GUESS BY TECHNICIAN.

===== Physical/Chemical Properties =====

HCC:Z7

Appearance and Odor:CYLINDRICAL BATTERY/3 INCHES LONG BY 1.06 INCHES DIAMETER. 14 VOLTS.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES STRONG ACIDS AND BASES

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS INCLUDE TOXIC MERCURY VAPORS, AND CORROSIVE MATERIALS WHEN INTEGRITY OF CELL IS BROKEN.

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

Waste Disposal Methods:DO NOT INCINERATE, BURY IN LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATION. EPA WASTE #D009 MAY APPLY.

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