

PLAINVIEW BATTERIES INC -- NICKEL CADMIUM BATTERY -- 6140-01-324-7904

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

Product ID:NICKEL CADMIUM BATTERY

MSDS Date:06/25/1991

FSC:6140

NIIN:01-324-7904

MSDS Number: BWZSK

=== Responsible Party ===

Company Name:PLAINVIEW BATTERIES INC

Address:23 NEWTOWN RD

City:PLAINVIEW

State:NY

ZIP:11803

Country:US

Info Phone Num:516-249-2873

Emergency Phone Num:516-249-2873

Preparer's Name:BERNARD ERDE

CAGE:0LEJ1

=== Contractor Identificatio

n ===

Company Name:PLAINVIEW BATTERIES INC

Address:23 NEWTOWN RD

Box:City:PLAINVIEW

State:NY

ZIP:11803

Country:US

Phone:516-249-2873

CAGE:0LEJ1

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

Ingred Name:NICKEL (SARA 313) (CERCLA) - PERCENTAGE OF INGREDIENTS 1

AND 2 = 14.

CAS:7440-02-0

RTECS #:QR5950000

Fraction by Wt: SEE ING

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9495

Ingred Name:NICKEL HYDROXIDE (SARA 313) (CERCLA)

CAS:12054-48-7

RTEC

S #:QR7040000
Fraction by Wt: SEE # 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG(NI)/M3
ACGIH TLV:0.1 MG(NI)/M3; 9495
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM (SARA 313) (CERCLA) - PERCENTAGE OF INGREDIENTS 3
AND 4 = 20.

CAS:7440-43-9
RTECS #:EU9800000
Fraction by Wt: SEE ING
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 MG/M3 DUST; Z-2
ACGIH TLV:0.01 MG/M3 DUST;9495
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM HYDROXIDE
CAS:21041-95-2
Fraction by Wt: S
EE # 3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG CD/M3
ACGIH TLV:0.05 MG CD/M3

Ingred Name:GRAPHITE, NATURAL (POWDER)
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 0.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MPPCF; Z-3
ACGIH TLV:2 MG/M3 RDUST; 9495

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)
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; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:IRO

N
CAS:7439-89-6
RTECS #:NO4565500
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3 (TDUST)
ACGIH TLV:5 MG/M3 (OXIDE FUME)

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT NOT RELEVANT.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Explanation of Carcinogenicity:CONTAINS C [7440-43-9] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:NONE UNDER NORMAL CONDITIONS OF USE. IF LEAKING
OR INCINERATED: IRRITATION OF RESPIRATORY TRACT AND EYES, SKIN
BURNS, CHEST PAIN, COUGHING, SWEATING, CHILLS, SHORTNESS OF BREATH,
WEAKNESS
Medical Cond Aggravated by Exposure:NONE IN NORMAL CONDITION OF USE.

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

First Aid:GET
MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN:IF CONTACT WITH
POTASSIUM HYDROXIDE ELECTROLYTE, IMMEDIATELY FLUSH WITH WATER FOR
AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR
& PROVIDE OXYGEN/CPR IF NEEDED. ORAL:GET EMERGENCY MEDICAL
ATTENTION.

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

Flash Point:NONE
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED

CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CADMIUM AND NICKEL FUMES ARE TOXIC AND CAN CAUSE DEATH.

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

Spill Release Procedures:BATTERY AND CELL CASES WILL NORMALLY CONTAIN MATERIALS OF CONCERN. USE INDUSTRIAL ABSORBENT TO COLLECT LIQUID POTASSIUM HYDROXIDE.

Neutralizing Agent:NOT RELEVANT

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== Handling and Storage =====

Handling and Storage Precautions:DO NOT SHORT CIRCUIT. MAY CAUSE BURNS. AVOID BREAKING, CRUSHING OR OTHERWISE DESTROYING THE PHYSICAL INTEGRITY OF THE CELL OR BATTERY.

Other Precautions:DO NOT INCINERATE. DO NOT TOUCH BROKEN OR LEAKING BATTERIES. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING FUMES. KEEP OUT OF REACH OF SMALL CHILDREN.

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

Respiratory Protection:USE
NIOSH APPROVED MIST OR DUST MASK WHEN
HANDLING THE LIQUID IN THE BATTERY.

Ventilation:USE ADEQUATE LOCAL EXHAUST VENTILATION WHEN HANDLING THE LIQUID IN THE BATTERY OR FUMES PRESENT.

Protective Gloves:NEOPRENE, NITRILE FOR LEAKERS

Eye Protection:SAFETY GOGGLES FOR LEAKERS

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING.

Supplemental Safety and Health

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

HCC:B1

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NOT RELEVANT

Appearance and Odor:BATTERY - NO ODOR

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:EXCESSIVE HEAT, FIRE

Hazardous Decomposition P

roducts:TOXIC FUMES OF CADMIUM OXIDE AND
NICKEL OXIDE.

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

Waste Disposal Methods:CELLS AND BATTERIES MAY BE RETURNED AT SENDERS
EXPENSE TO A PERMITTED TREATMENT, STORAGE, DISPOSAL FACILITY
(TSDf). DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL LAW S AND REGULATIONS.

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