

MOTOROLA COMMUNICATION GROUP -- NICKEL CADMIUM BATTERIES -- 6140-00-963-4986

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

Product ID:NICKEL CADMIUM BATTERIES

MSDS Date:06/30/1993

FSC:6140

NIIN:00-963-4986

MSDS Number: BTCMP

=== Responsible Party ===

Company Name:MOTOROLA COMMUNICATION GROUP

Address:1313 E ALGONQUIN RD

City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

Info Phone Num:708-576-6639

Emergency Phone

Num:708-576-6639

Preparer's Name:NEIL J MCCLOUD,ENV.COORD.

CAGE:MO378

=== Contractor Identification ===

Company Name:MOTOROLA COMMUNICATION GROUP

Address:1313 E ALGONQUIN RD

Box:City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

Phone:708-576-6639

CAGE:MO378

Company Name:MOTOROLA INC

Address:1313 E. ALGONQUIN ROAD

Box:City:SHAUMBURG

State:IL

ZIP:60196

Country:US

Phone:708-576-1000

CAGE:50012

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

Ingred Name:NICKEL (SARA III)

CAS:744

0-02-0
RTECS #:QR5950000
Fraction by Wt: 23%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9394

Ingred Name:CADMIUM (SARA III)
CAS:7440-43-9
RTECS #:EU9800000
Fraction by Wt: 17%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 MG/M3 DUST; Z-2
ACGIH TLV:0.01 MG/M3 DUST;9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 4%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 2 MG/M3
ACGIH TLV:C 2
MG/M3; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:MANUFACTURER STATED BY LETTER (DATED
JUN 30, 1993) THAT THESE BATTERIES ARE MANUFACTURED "ARTICLE" WHICH
ARE INTENDED AS AN END-USE PRODUCT FOR CUSTOMERS. FOR THIS REASON

BATTERIES ARE NON- HAZARDOUS UNDER THE OSHA COMMUNICATION
STANDARD, 29CFR SEC. 1910.1200(C).

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 SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EXPOSURE TO RUPTURED BATTERIES:-INHALATION: REMOVE TO FRESH
AI

R, PROVIDE CPR/OXYGEN IF NEEDED. EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH WITH SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS PERSIST.

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

Extinguishing Media:NONFLAMMABLE. USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:BATTERIES MAY RUPTURE I
N FIRE AND EMIT
TOXIC FUMES.

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

Spill Release Procedures:PICK UP BATTERIES FOR REUSE. IF BATTERIES ARE RUPUTRED, WEAR GLOVES AND TRANSFER THEM INTO PLASTIC BAGS OR DRUMS FOR LATER DISPOSAL.

Neutralizing Agent:RUPTURED BATTERIES RESIDUE CAN BE NEUTRALIZED WITH 5% ACETIC ACID.

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

Supplemental Safety and Health

MANUFACTURER STATES THAT MOTORLA'S BATTE
RIES ARE A FULLY ENCASED,

MANUFACTURED ITEM INTENDED AS AN END-USE PRODUCT. THEREFORE, THESE BATTERIES ARE NOT CONSIDERED A "HAZARDOUS CHEMICAL" UNDER THE FEDERAL OSHA HAZARD COMMUNICATION RULE. THESE BATTERIES DO NOT RESULT IN EXPOSURE TO HAZARDOUS CHEMICALS UNDER NORMAL USAGE.

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

HCC:N1

Appearance and Odor:SEALED BATTERIES, 13.2 VOLTS, ODORLESS.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:EXTREME TEMPERATURES

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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