

WYKLE RESEARCH,INC -- MERCURY PILLOW-SELF ACTIVATING CAPSULE/BULK --  
6520-01-341-8730

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

Product ID:MERCURY PILLOW-SELF ACTIVATING CAPSULE/BULK

MSDS Date:04/03/1992

FSC:6520

NIIN:01-341-8730

MSDS Number: BMVBJ

=== Responsible Party ===

Company Name:WYKLE RESEARCH,INC

Address:2222 HOT SPRINGS ROAD

City:CARSON CITY

State:NV

ZIP:89706

Country:US

Info Phone Num:702-887

-7500, 800-854-6641

Emergency Phone Num:702-887-7500, 800-854-6641

CAGE:0RET9

=== Contractor Identification ===

Company Name:WYKLE RESEARCH,INC

Address:222 HOT SPRINGS ROAD

Box:City:CARSON CITY

State:NV

ZIP:89706

Country:US

Phone:702-887-7500, 800-854-6641

CAGE:0RET9

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

Ingred Name:MERCURY (SARA III)

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, C, 0.1 MG/M3

ACGIH TLV:S, 0.05 M

G/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SILVER (SARA III)  
CAS:7440-22-4  
RTECS #:VW3500000  
Fraction by Wt: 69-70%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Fraction by Wt: 18%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9192

Ingred Name:COPPER (SARA III)  
CAS:7440-50-8  
RTECS #:GL5325000  
Fraction by Wt: 11.8-12%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.1MG/M3 FUME/1 DUST  
ACGIH TLV:0.2MG/M3 FUME; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ZINC (SARA III)  
CAS:7440-66-6  
RTECS #:ZG8600000  
Fraction by Wt: 0.9-1.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 MG ZNO/M3 TDUST  
ACGIH TLV:10 MG ZNO/M3;TD,9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO

OSHA:NO

Health Hazards Acute and Chronic:MERCURY IS AN IRRITANT TO THE SKIN, EYES, RESPIRATORY TRACT, AND MUCOUS MEMBRANES. IT IS ALSO A SKIN SENSITIZER, NEPHROTOXIN, AND PULMONARY SENSITIZER. SKIN: REPEATED CONTACT MAY CAUSE ARGYRIA. INHALATION: (POWDER ONLY) MAY CAUSE IRRITATION OF MUCOUS MEMBRANE, ANOREXIA, DIARRHEA. INGESTION: MAY CAUSE GI TRACT IRRITATION.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, ARGYRIA (GRAYISH-BLUE PIGMENTATION OF THE SKIN). INH

ALATION: IRRITATION OF THE MUCOUS MEMBRANES, WAKEFULNESS, WEAKNESS, ANOREXIA, HEADACHE, HYPERMOBILITY, DIARRHEA, FEVER. INGESTION: GI TRACT IRRITATION, NAUSEA, DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNT OF WATER. SKIN: WASH AREA WITH SOAP AND WATER. INHALATION: (DUST ONLY) GENTLY BLOW NOSE AND IRRIGATE WITH CLEAN WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INGESTION: IF SWALLOWED, GET MEDICAL ATTENTION.

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

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.  
Fire Fighting Procedures:AVOID BREATHING CORROSIVE AND POISONOUS VAPORS. KEEP UPWIND.  
Unusual Fire/Explosion Hazard:NONE

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

==

Spill Release Procedures:PROVIDE EXHAUST VENTILATION WHERE POSSIBLE. CAREFULLY SWEEP OR VACUUM INTO ACCEPTABLE WASTE CONTAINER FOR SALVAGE OR RECLAIMING FOR REUSE. AVOID GENERATING DUST.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY ENVIRONMENT. AVOID CONTACT OR GENERATION OF DUST.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

=====  
===== Exposu

re Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:ANY TYPE.

Eye Protection:OSHA APPROVED SAFETY GLASSES.

Other Protective Equipment:NONE

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING.

Supplemental Safety and Health  
NONE

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

HCC:T6

Boiling Pt:B.P. Text:675F,357C

Melt/Freeze Pt:M.P/F.P Text:>18  
32F,>100

Vapor Pres:0.0012(HG)

Spec Gravity:13.6 (HG)

Solubility in Water:NONE

Appearance and Odor:A METALLIC GRAYISH TABLET OR FREE FLOWING,  
METALLIC, GRAY POWDER. ODORLESS.

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

ACETYLENE, HYDROGEN PEROXIDE, OR ETHYLENIMINE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

=

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. THIS PRODUCT MAY BE SALVAGED OR RECLAIMED FOR  
REUSE.

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.