

SAFT AMERICA INC ADVANCED BATTERY SYSTEMS DIVISION -- LITHIUM SULFUR DIOXIDE
BATTERY -- 6135-01-090-5365

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

Product ID:LITHIUM SULFUR DIOXIDE BATTERY

MSDS Date:01/31/1992

FSC:6135

NIIN:01-090-5365

MSDS Number: BMTZC

=== Responsible Party ===

Company Name:SAFT AMERICA INC ADVANCED BATTERY SYSTEMS DIVISION

Address:LOVELADY LN

Box:280

City:VALDESE

State:NC

ZIP:28690

C

Country:US

Info Phone Num:704-874-4111

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:7X634

=== Contractor Identification ===

Company Name:SAFT AMERICA INC ADVANCED BATTERY SYSTEMS DIVISION

Address:313 CRESCENT ST NE

Box:City:VALDESE

State:NC

ZIP:28690-9643

Country:US

Phone:828-874-4111/912-245-2806

CAGE:7X634

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

Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:IF CELLS ARE EXPOSED DUE TO ACCIDENT:

ACUTE: MAY IRRITATE SKIN, EYES, OR RESPIRATORY TRACT. MAY CAUSE
SYSTEMIC EFFECTS (CENTRAL NERVOUS, KIDNEYS, CIRCULATORY, LIVER,
GASTROINTESTINAL) IF FUMES INHALED . FUMES MAY CAUSE ASPHYIATION OR
UNCONSCIOUSNESS IF INHALED. CHRONIC: NONE SPECIFIED BY
MANUFACTURER.

Explanation of Ca

carcinogenicity:ACRYLONITRILE IS LISTED BY NTP AND IARC, ACGIH, AND EPA AS A SUSPECTED CARCINOGEN AND REGULATED BY OSHA AS SUSPECT.

Effects of Overexposure:INHALATION: HEADACHE, SNEEZING, NAUSEA, WEAKNESS, LIGHTHEADEDNESS, VOMITING. EYES: REDNESS, TEARING. SKIN: REDNESS, RASH, ITCHING. INGESTION: NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INGESTION: DRINK 1-2 GLASSES OF WATER IF CONSCIOUS. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE
Extinguishing Media:WATER OR CARBON DIOXIDE
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard: BATTERY MAY VENT WHEN SUBJECTED TO EXCESSIVE HEAT; EXPOSING CELL CONTENTS.

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

Spill Release Procedures:IF CELLS RUPTURE AND SPILL: WEAR PROPER CLOTHING AND SELF-CONTAINED BREATHING APPARATUS. VENTILATE AREA. ABSORB WITH INERT MATERIAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT HEAT ABOVE 200F. STORE IN A WELL VENTILATED, SPRINKLER PROTECTED AREA.
Other Precautions:DO NOT REMOVE OR BYPASS ELECTRICAL OR THERMAL FUSES.

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

Respiratory Protection:NONE NORMALLY REQUIRED.
Ventilation:NONE NORMALLY REQUIRED.
Protective Gloves:NONE NORMALLY REQUIRED.
Eye Protection:NONE NORMALLY REQUIRED.
Other Protective Equipment:NONE NORMALLY REQUIRED.
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING

Supplemental Safety and Health

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:>200F,>93C

Spec Gravity:>1

Solubility in Water:INSOLUBLE

Appearance and Odor:1.030 INCH BY 0.746 INCH BATTERY, BA-5567/U

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:PHYSICAL DAMAGE TO BATTERY CELLS, EXPOSING
CELL CONTENTS. HEA

TING, OVERCHARGING, SHORT CIRCUITING, VOLTAGE
REVERSAL.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

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

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.