

SAFT AMERICA INC, POWER SOURCES DIV -- LC6 -- 6135-01-219-5231

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Product Identification  
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Product ID:LC6

MSDS Date:09/01/1990

FSC:6135

NIIN:01-219-5231

MSDS Number: BWMHY

=== Responsible Party ===

Company Name:SAFT AMERICA INC, POWER SOURCES DIV

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31603

Country:US

Info Phone Num:912-247-2331

Emergency Phone Num:912-247-2331

CAG

E:09052

=== Contractor Identification ===

Company Name:SAFT AMERICA INC.

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31602

Country:US

Phone:912-247-2331

CAGE:09052

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Composition/Information on Ingredients  
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Ingred Name:THIONYL CHLORIDE

CAS:7719-09-7

RTECS #:XM5150000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 1 PPM

ACGIH TLV:C 1 PPM; 9394

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:

YES Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: THE SUBSTANCE AND VAPORS HAVE A CORROSIVE EFFECT ON THE SKIN AND MUCOUS MEMBRANES.

Effects of Overexposure: BURNS AND IRRITATION TO RESPIRATORY SYSTEM.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE LIFTING EYELIDS. SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING.

ATER. REMOVE CONTAMINATED CLOTHING.

INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS REQUIRED. GET MEDICAL ATTENTION. INGESTION- SEEK MEDICAL ATTENTION.

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

Fire Fighting Procedures: COOL UNDAMAGED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: GENERATION OF CHLORINE, SULFUR DIOXIDE, DISULFUR DICHLORIDE DURING THERMAL DECOMPOSITION.

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

Spill Release Procedures: COVER WITH SODIUM CARBONATE OR 1:1 MIXTURE OF SODA ASH AND SLAKED LIME. SPRAY WATER TO CONTROL VAPORS. ENSURE ADEQUATE VENTILATION.

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

Handling and Storage Precautions: KEEP CONTAINER DRY AND TIGHTLY CLOSED IN A COOL (MAX. 50C) AND WELL VENTILATED PLACE.

Other Precautions: IF CONTAMINATION WITH MOISTURE OCCURS, PRODUCT WILL RELEASE GAS CAUSING A PRESSURE BUILDUP WHICH COULD RESULT IN DRUM RUPTURE.

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

Respiratory Protection: WITH TYPE 4BEK FILTER.

Ventilation: PROVIDE LOCAL EXHAUST VENTILATION IN SUFFICIENT VOLUME AND PATTERN SO AS TO MAINTAIN EXPOSURES BELOW TLV'S.

Protective Gloves: VITON.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: PROTECTIVE WORKING BOOTS AND RUBBER APRON.

Work Hygienic Practices: KEEP ONLY IN THE ORIGINAL CONTAINER. HANDLE AND  
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PEN CONTAINER WITH CARE. ENSURE EFFECTIVE VENTILATION.  
Supplemental Safety and Health  
THIS MSDS IS FOR THIONYL CHLORIDE PRESENT IN THE BATTERY.

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

HCC:N1

Boiling Pt:B.P. Text:169F,76C

Melt/Freeze Pt:M.P/F.P Text:221F,105C

Decomp Temp:Decomp Text:284F,140C

Vapor Pres:116

Spec Gravity:1.54

Solubility in Water:REACTS

Appearance and Odor:COLORLESS TO YELLOW LIQUID WITH PUNGENT SMELL.

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

Stability Indicator/Materials to Avoid:YES

WATER, ALKALIS

Stability Condition to Avoid:EXPOSURE TO AIR, MOISTURE AND WATER.

Hazardous Decomposition Products:HYDROGEN, SO<sub>2</sub>, SCL<sub>2</sub>, S<sub>2</sub>CL<sub>2</sub>, CL<sub>2</sub>

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

Waste Disposal Methods:PRODUCT DECOMPOSED BY WATER MUST BE NERTRALIZED-  
MAY BE ADDED TO WASTE WATER IN SUFFICIENTLY DILUTED FORM.

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