View NSN Online: https://aerobasegroup.com/nsn/6140-01-378-8232

OPTIMA BATTERIES INC -- ENGINE STARTING BATTERIES 34-1050 OR 800S -- 6140-01-378-8232

Product ID:ENGINE STARTING BATTERIES 34-1050 OR 800S

MSDS Date:01/04/1999

FSC:6140

NIIN:01-378-8232

Status Code:A

MSDS Number: CJGLV === Responsible Party ===

Company Name: OPTIMA BATTERIES INC

Address:5 E MISSISSIPPI AVE

City:DENVER

State:CO

ZIP:80210

Country:US

Info Phone Num:

303-744-5360

Emergency Phone Num:(800)424-9300 Resp. Party Other MSDS Num.:OBI-0001 C

Chemtrec Ind/Phone:(800)424-9300

CAGE:0UJ55

=== Contractor Identification ===

Company Name: OPTIMA BATTERIES INC

Address:17500 E 22ND AVENUE

Box:City:AURORA

State:CO ZIP:80011 Country:US

Phone:303-448-8899 OR 800-292-4359

CAGE:0UJ55

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

Ingred Name:LEAD COMPOUNDS

CAS:7439-92-1

RTECS #:OF7525000

Minumum % Wt:68.

Maxumum % Wt:81.

ACGIH TLV:0.15 MG/

M3 EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name: SULFURIC ACID ELECTROLYTE

CAS:7664-93-9

RTECS #:WS5600000 Minumum % Wt:17. Maxumum % Wt:25. OSHA PEL:1 MG/M3 ACGIH TLV:1 MG/M3 ACGIH STEL:3 MG/M3

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name: POLYPROPYLENE CASE MATERIAL

CAS:9003-07-0

RTECS #:UD1842000 Minumum % Wt:2. Maxumum % Wt:6.

Ingred Name: SEPARATOR/PASTER PAPER FIBROUS GLASS

CAS:65997-17-3

Code:F

Minumum % Wt:1. Maxumum % Wt:4.

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

LD50 LC50 Mixture: NONE STATED BY MANUFACTURER

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

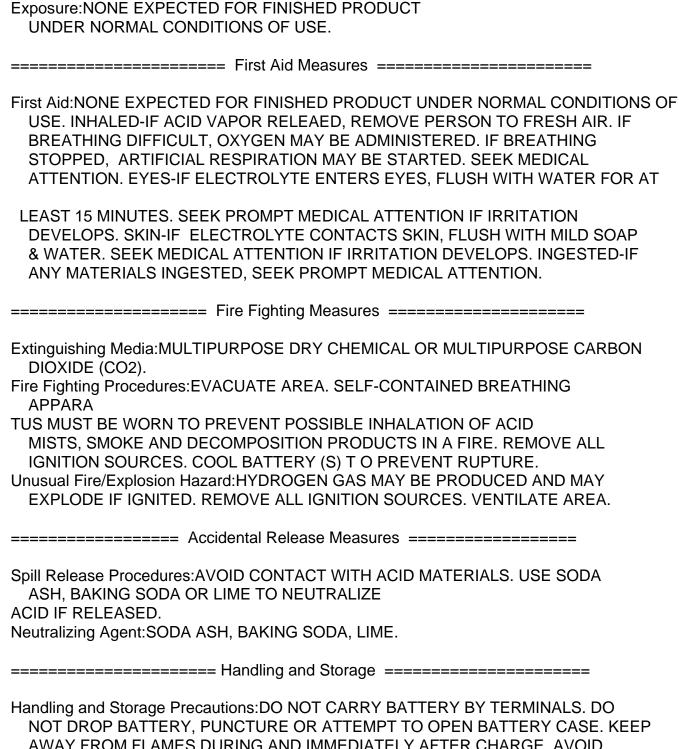
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NONE EXPECTED FOR FINISHED PRODUCT UNDER NORMAL CONDITIONS OF USE.

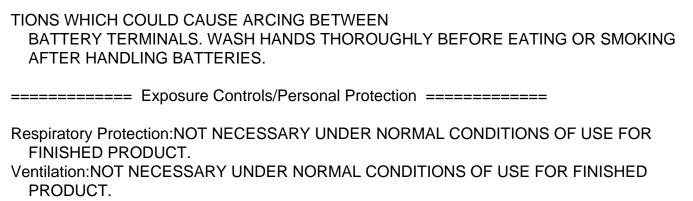
Explanation of Carcinogenicity:NOTA APPLICABLE FOR FINISHED PRODUCT UNDER NORMAL CONDITIONS OF USE.

Effects of Overexposure:NONE EXPECTED FOR FINISHED PRODUCT UNDER NORMAL CONDITIONS OF USE.

Medical Cond Aggravated by



Handling and Storage Precautions:DO NOT CARRY BATTERY BY TERMINALS. DO NOT DROP BATTERY, PUNCTURE OR ATTEMPT TO OPEN BATTERY CASE. KEEP AWAY FROM FLAMES DURING AND IMMEDIATELY AFTER CHARGE. AVOID PROLONGED OVERCHARGES IN CONFINED ARE AS. STORE AT AMBIENT ROOM TEMPERATURE. DO NOT SUBJECT PRODUCT TO OPEN FLAME OR FIRE. Other Precautions:AVOID CONDI



Protective Gloves: NOT NECESSARY UNDER NORMAL CONDITIONS OF USE FOR FINISHED PRODUCT.

Eye Protection: NOT NECESS

ARY UNDER NORMAL CONDITIONS OF USE FOR FINISHED PRODUCT.

Other Protective Equipment:NOT NECESSARY UNDER NORMAL CONDITIONS OF USE FOR FINISHED PRODUCT.

Work Hygienic Practices: NOT NECESSARY UNDER NORMAL CONDITIONS OF USE FOR FINISHED PRODUCT.

Supplemental Safety and Health

THE SEALED LEAD ACID BATTERY IS NOT CONSIDERED FLAMMABLE, BUT WILL BURN IF INVOLVED IN A FIRE. SHORT CIRCUIT CAN ALSO RESULT IN FIRE. EVACUATE AREA. SELF-CONTAINED BREATHING APPARATUS MUST BE WORN TO PR

EVENT INHALATION OF ACID MISTS, SMOKE & DECOMPOSITION PRODUCTS IN A FIRE. REMOVE ALL IGNITION SOURCES.

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HCC:Z4 Appearance and Odor:SEALED LEAD ACID BATTERY.
========= Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES

NONE STATED BY MANUFACTURER.

Stability Condition to Avoid:AVOID SHORTING, USE ONLY APPROVED CHARGING METHODS. DO NOT PUNCTURE BATTERY CASE.

Hazardous De

composition Products: NONE STATED BY MANUFACTURER.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

======== Toxicological Information ==========

Toxicological Information:THREASHOLD LIMIT VALUE: NONE APPLICABLE FOR FINISHED PRODUCT. ROUTE OF ENTRY: NONE APPLICABLE FOR FINISHED PRODUCT UNDER NORMAL CONDITIONS OF USE. SIGNS OF SYMPTOMS OF ACUTE EXPOSURE: NONE EXPECTED FO R FINISHED PRODUCT UNDER NORMAL CONDITIONS OF USE. CHRONIC EXPOSURE: NONE EXPECTED FOR

PRODUCT.HOWEVER, DO NOT PUNCTURE OR OPEN BATTERY CASE. ACID ELECTROLYTE MAY BE RELEASED.
========== Ecological Information =============
Ecological:NONE STATED BY MANUFACTURER.
======== Disposal Considerations ===========
Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDER
AL REGULATIONS. SEND TO A LEAD RECYCLING FACILITY WHICH FOLLOWS APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS FOR ROUTINE DISPOSAL OF SPENT OR DAMAGED BATTERIES. THE DISTRIBUTOR/USER IS RESPONSIBLE FOR ROUTINE DISPOSITION OF SPENT OR DAMAGED BATTERIES.
======== MSDS Transport Information ==========
Transport Information:SEALED LEAD ACID BATTERY IS NOT A US DOT HAZARDOUS MATERIAL. UNDER DANGEROUS GOODS REGULATIONS, 38TH EDITION, EFFECTIVE JANUA RY 1, 1997, PRODUCED BY INTERNATIONAL AIR TRANSPORTATION ASSOCIATION (IATA): OPTIMA BATTERIES ARE CLASSIFIED AS NON-REGULATED BY SPECIAL PROVISIONS A-48 AND A-67 FOR UN NUMBER UN2800. UNDER THE CODE OF FEDERAL REGULATIONS #49, MARCH 1, 1998 EDITION, OPTIMA BATTERIES ARE CLAS SIFIED AS AN EXCEPTION FROM ALL OTHER REQUIREMENTS OR CONDITIONS AS STATED IN: BATTERIES WET, 173:159 (D)(3)(I)[VIBRATION TEST] AND (D)(3)(I)[PRESSURE DIFFERENTIAL TEST].
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SARA Title III Information:NONE STATED BY MANUFACTURER. Federal Regulatory Information:ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD, SEALED LEAD ACID BATTERY IN ITS MANUFACTURED AND SUPPLIED STATE IS CONSIDERED NON-HAZARDOUS. State Regulatory Information:NONE STATED BY MANUFACTURER.
=========== Other Information ====================================
Disclaimer (provided with this information by the compiling agencies):

PRODUCT UNDER NORMAL CONDITIONS OF USE. EFFECTS OF OVEREXPOSURE,

CONDITIONS TO AVOID: NO EXPOSURE EXPEC TED FOR FINISHED

FINISHED

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ormation 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.