OPTIMA BATTERIES INC -- 34/78-1050 ENGINE STARTING BATTERIES (GROUP 34) 6140-01-457-4339

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

Product ID:34/78-1050 ENGINE STARTING BATTERIES (GROUP 34)

MSDS Date:12/09/1999

FSC:6140

NIIN:01-457-4339 Status Code:A

MSDS Number: CKGPM === Responsible Party ===

Company Name: OPTIMA BATTERIES INC

Address:17500 E 22ND AVENUE

City:AURORA State:CO ZIP:80011 Country:US

Info Phone Num:303-448-8899/448-8899 Emergency Phone Num:(800)424-93

00

Resp. Party Other MSDS Num.:OBI-0001D

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:63.

Maxumum % Wt:81.

ACGIH TLV:0.15 MG/M3

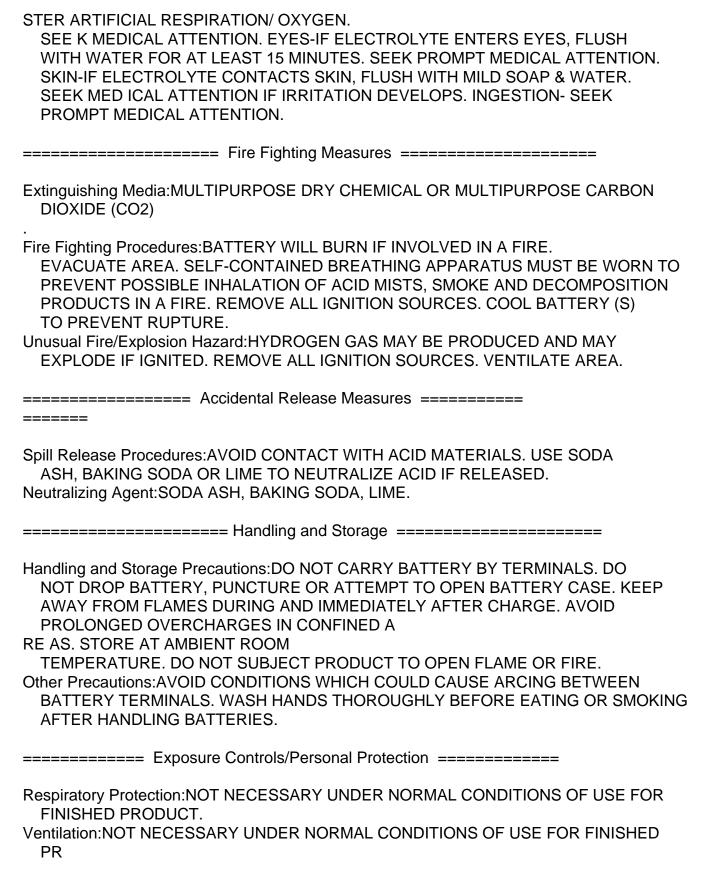
EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

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. LD50 LC50 Mixture: NONE STAT **ED 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. IN ITS MANUFACTURED AND SUPPLIED STATE, THE PRODUCT IS CONSIDERED NON-HAZARDOUS. KEEP AWAY FROM FLAMES DURING AND IMMEDIATELY AFTER C HARGE. NO SIGNIFICANT HEALTH EFFECTS ARE ASSOCIATED WITH THE PRODUCT. Explanation of Carcinogenicity: NOT APPLICABLE FOR FINI SHED PRODUCT UNDER NORMAL CONDITIONS OF USE. Effects of Overexposure: NONE EXPECTED FOR FINISHED PRODUCT UNDER NORMAL CONDITIONS OF USE.

Medical Cond Aggravated by Exposure: NONE EXPECTED FOR FINISHED PRODUCT UNDER NORMAL CONDITIONS OF USE.

First Aid:NONE EXPECTED FOR FINISHED PRODUCT UNDER NORMAL CONDITIONS OF USE. INHALED-IF ACID VAPOR RELEASED, REMOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINI



ELECTROLYTE MAY BE RELEASED, WHICH IS CORROSIVE..

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Ecological:NONE STATED BY MANUFACTURER.
======= Disposal Considerations ==========
Wasta Disposal Mathods: DISPOSE OF IN ACCORDANCE WITH ALL

LOCAL, STATE AND FEDERAL 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 JANUARY 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 UN2800. UNDER 49 CFR, MARCH 1, 1998 EDITION, OPTIMA BATTERIES ARE CLASSIFIED AS AN EXCEPTION FROM ALL OTHER R EQUIREMENTS OR CONDITIONS AS STATED IN: BATTERIES WET, 173.159 (D)(3(I)[VIBRATION TEST], & (D)(3)(II)[PRESSURE DIFFERENTIAL TEST]. THESE CONDITIONS HAVE BEEN TESTED & CE
========== Regulatory Information ============
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 ============
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