

## **Valve-regulated lead-acid batteries are toxic**

Are valve regulated lead-acid gel batteries dangerous?

**FIRST-AID MEASURES** The valve regulated lead-acid gel batteries are not hazards for eye and skin contact under normal circumstances. In the case of exposure to internal parts of the battery, the following measures should be taken. Electrolyte (Sulfuric Acid) - Remove to fresh air immediately. If not breathing give artificial respiration.

What is a lead-acid battery?

The lead and acid that compose these batteries must be included when determining the various thresholds for these EPCRA (Emergency Planning & Community Right-to-Know Act) section regulations. The acid in lead-acid batteries is sulfuric acid, which is an Extremely Hazardous Substance (EHS).

Do lead/acid batteries burn?

Lead/acid batteries do not burn, or burn with difficulty. Do not use water on fires where molten metal is present. Extinguish fire with agent suitable for surrounding combustible materials. Cool exterior of battery if exposed to fire to prevent rupture. The acid mist and vapors generated by heat or fire are corrosive.

Are lead-acid batteries OSHA compliant?

Lead-acid batteries do NOT meet the OSHA definition of an 'article' (US EPA, Oct 1998). The lead and acid that compose these batteries must be included when determining the various thresholds for these EPCRA (Emergency Planning & Community Right-to-Know Act) section regulations.

What should I do if a battery is contaminated with sulfuric acid?

Do not allow metallic materials to simultaneously contact positive and negative terminals of the batteries. Charge the batteries in areas with adequate ventilation. None required under normal conditions. When concentrations of sulfuric acid mist are known to exceed the PEL, use NIOSH or MSHA-approved respiratory protection.

Are lead-acid batteries exempt from EPA Section 313 reporting?

Lead-acid batteries used for these purposes are exempt for section 313 reporting per the "Motor Vehicle Exemption". See page B-22 of the US EPA Guidance Document for Lead and Lead Compound Reporting under EPCRA Section 313 for additional information of this exemption.

Product name : VALVE REGULATED AGM NON-SPILLABLE BATTERY Product code : YBX9000 Series, HJ Series, High Performance MF & VRLA MF Valve Regulated Lead Acid Battery Other means of identification : Electric storage, AGM (Absorbed Glass Mat), Lead Acid Battery-Non-Spillable 1.2.

All Concorde AGM, GPL, PVX, RG#174; series and D8565 series are valve regulated lead acid (VRLA)

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batteries. Concorde"s VRLA batteries have passed vibration, pressure differential and ...

Valve Regulated Lead acid battery is filled with dilute sulphuric acid. MANUFACTURER"S NAME/ADDRESS MANUFACTURER: Universal Power Technology Co.,Ltd. ADDRESS: Meilong Road,Long Hua Town,Bao"An District, Shenzhen China 518131 TELEPHONE EMERGENCY PHONE: +86 755 28094189 FAX PHONE: +86 755 83722565 CHEMICAL ...

Other Name: Valve Regulated Lead Acid (VRLA), AGM, Non-Spillable, Dry Cell Proper Shipping Name: Sealed Lead Acid, Battery Non-Spillable Use: Battery for: Starting, Deep Cycle, Solar, Back-up, Electrical Storage Details of the supplier of the product Company: Super Start Batteries Pty Ltd (A.C.N. 101 683 694)

Danger The materials contained in this product may only represent a hazard if the integrity of the cell or battery is compromised; physically, thermally, or electrically abused.

Aquatic Toxicity - NL NFPA - Flammable gas, hydrogen (during charging) CN - NL EU - NL \*as sulfuric acid GHS Label: Valve Regulated Lead Acid Gel Battery, Non-Spillable Symbols: C (Corrosive) Hazard Statements Contact with internal components may cause irritation or severe burns. Irritating to eyes, respiratory system, and skin.

Valve Regulated Lead-Acid Battery (VRLA) Absorbed Electrolyte Battery (AGM) Chemwatch: 42-7399 Version No: 10.1.1.1 Safety Data Sheet according to the Health and Safety at Work (Hazardous Substances) Regulations 2017 ... Lead toxicity produces a classic motor neuropathy. Acute encephalopathy appears infrequently in

VALVE REGULATED LEAD ACID BATTERY SAFETY DATA SHEET ... Carcinogenicity (acid mist) Specific Target Organ Toxicity (repeated exp.) Category 4 Category 1A Category 1 Category 1A Category 1B Category 1A Category 2 Aquatic Aquatic Chronic 1 ...

CSB VRLA-AGM batteries are classified as "Non spillable" for the purpose of transportation as result of passing the Vibration and Pressure Differential Test. CSB VRLA-AGM batteries can ...

VALVE REGULATED LEAD ACID BATTERY SAFETY DATA SHEET SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION Product Name: Valve Regulated Sealed Non-Spillable Lead Acid ... Aquatic Toxicity: Sulfuric Acid: 24-hr LC50, freshwater fish (Brachydanio rerio): 82 mg/L, 96-hr LOEC, freshwater fish (Cyprinus carpio): 22 mg/L

A Valve Regulated Lead Acid Battery (VRLA) is a type of lead-acid battery designed to be maintenance-free due to its sealed construction. It utilizes a valve-regulated system to control gas release during charging and discharging, preventing electrolyte loss. ... Enhanced battery options could promote renewable technologies while reducing toxic ...

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Web: <https://www.vielec-electricite.fr>