Lead-acid battery product identification

What is a non-spillable lead acid battery?

This product is a battery with the GHS Label: Valve Regulated Lead Acid Battery,Non-Spillable. Under normal conditions,this product is sealed and does not leak or vent gasses or hazardous substances. There is no contact with the internal components of the battery or the chemical hazards under normal product use and handling.

What is a spent lead acid battery?

13. DISPOSAL CONSIDERATIONS Spent lead acid batteries (EWC 160601*) are subject to regulation of the EU Battery Directive and its adoptions into national legislation on the composition and end of life management of batteries. Spent Lead Acid batteries are recycled in lead refineries (secondary lead smelters).

What are the chemical hazards associated with a lead-acid battery?

provided with the Battery. Chemical hazards relate to the contents of the battery. Lead-acid Batteries have three significan characteristicsThey contain an electrolyte wh h contains diluted sulphuric acid. Sulphuric acid may cause severe chemical burns.Improper charging rates or procedures may develop hydrogen gas and ox

Can a lead acid battery be recycled or reprocessed?

The components of a spent Lead Acid battery are recycled or reprocessed. To simplify the collection and recycling or reprocessing process,spent Lead Acid batteries must not be mixed with other batteries. By no means may the electrolyte (diluted sulphuric acid) be emptied in an inexpert manner.

Does this SDS apply to a battery with a GHS label?

This SDS applies only to products bearing these trademarks. This product is a battery with the GHS Label: Valve Regulated Lead Acid Battery,Non-Spillable. Under normal conditions,this product is sealed and does not leak or vent gasses or hazardous substances.

Where are spent lead acid batteries recycled?

Spent Lead Acid batteries are recycled in lead refineries(secondary lead smelters). The components of a spent Lead Acid battery are recycled or reprocessed. To simplify the collection and recycling or reprocessing process,spent Lead Acid batteries must not be mixed with other batteries.

LEAD ACID BATTERY 30.112.0013.06 © UPOWER 07/2012 page 1 of 7 1. IDENTIFICATION 1.1 Product Lead Acid Battery Trade name: Industrial/Commercial electrical storage batteries ...

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Sheet Molding Compound --(Glass reinforced polyester) Inorganic lead and electrolyte (sulfuric acid) are the primary components of every battery manufactured by EnerSys. Other ...

SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Product form : Article Product name : Lead-Acid Batteries 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Intended for general public . Main use category : Professional use

Lead: Remove from exposure, gargle, wash nose & lips. Consult physician. Sulfuric Acid: Immediately rinse with a large amount of cool water. Rinsing within 1 minute of the burn can reduce risk of complications.

Lead-Acid Battery Safety Data Sheet according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 7-2-2023 Version: 1.0 7-2-2023 (Issue date) EN (English) 1/12 SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Product form : Article

SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Product form : Article Product name : Lead-acid battery filled with diluted sulphuric ...

Batteries 2022, 8, 283 3 of 14 2. Lead Acid Battery Modeling The lead-acid model has been proposed and explained in [21]. The Shepherd relation is the simplest and most popular battery model [7]. It defines the charging and discharging phases" nonlinearity. The discharge equation for a Lead acid battery is as follows: V dis = E0 K Q Q (1)it ...

LEAD ACID BATTERY 30.112.0013.06 © UPOWER 07/2012 page 1 of 7 1. IDENTIFICATION 1.1 Product Lead Acid Battery Trade name: Industrial/Commercial electrical storage batteries Electrochemical System: Lead Acid 1.2 Usage Forklifts / Cleaning machines / Electric tractors / Lifting platforms /Electric

lead acid battery wet, filled with acid safety data sheet. section 1-- product and company identification . product name: lead acid battery, wet . chemical family: this product is a wet acid storage battery. product use: electric storage battery. manufacturer"s name: trojan battery company. emergency telephone number: chemtrec +1(800) 424-9300 international +1(703) ...

The State of California has determined that certain battery terminals contain lead and lead compounds, and handling this product may also expose you to sulfuric acid mist, chemicals ...

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VALVE REGULATED LEAD ACID BATTERY, NON-SPILLABLE (US, CN, EU Version for International Trade) SECTION 1: PRODUCT AND COMPANY IDENTIFICATION PRODUCT NAME: Valve Regulated Lead Acid Battery OTHER PRODUCT NAMES: Gel: Absorbed Electrolyte Sealed; Valve-Regulated Non-Spillable Battery; B at ery Non-Spi lb 4 9CFR 173. 5 ...

Lead-acid batteries that skew toward the high power density end of the spectrum are used to provide a quick burst of power, like when you turn the key in your car"s ignition. High energy density batteries are designed ...

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