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Peninsula Batteries Pty Ltd | ABN 75 003 574 669
HCB Standby Technologies Pty Ltd | ABN 65 078 725 658
Lion Motive Power Pty Ltd | ABN 81 130 831 739

MATERIAL SAFETY DATA SHEET

Date issued: 17/1/2014

COMPANY DETAILS

Company: HCB Standby Technologies Pty Ltd
Address: Unit 1, 1 Bearing Rd, Seven Hills, NSW 2147
Business Telephone: 02 9896 1588
Emergency Telephone: 02 9896 1588

PRODUCT IDENTIFICATION

Product Name: BATTERIES, WET, FILLED
WITH ALKALI, electric storage
UN Number 2795
ADG Code Class 8
Poisons Schedule S6

Other Name: Vented Nickel Cadmium Storage
Batteries

Product Codes: FNC followed by various numbers & letters (eg: FNC 330L)

Use: Emergency DC Power

Physical Description Properties

Appearance: Rectangular containers containing
Metal plates immersed in a liquid
electrolyte of dilute Potassium Hydroxide with small additive
of Lithium Hydroxide

Electrolyte: UN Number 2797

Other Properties

Electrolyte Density: 1.19 Kg/l

HEALTH HAZARD INFORMATION

Electrolyte:	At the subject concentration, potassium hydroxide is particularly corrosive to aluminium, zinc and aluminium and capable of causing burns if swallowed or following contact with the eyes, or contact with skin.
Acute Eye:	Contact with the eye may cause severe and permanent damage.
Inhaled:	Will result in irritation of mucus membrane and the respiratory tract.
Skin:	Contact with the skin will produce mild irritation to severe burns.
First Aid Eye:	Irrigate with water for 15 minutes. If available, rinse eye with boracic acid solution to reduce discomfort. SEEK IMMEDIATE MEDICAL ADVICE.
Inhaled:	Remove patient from source. Apply artificial respiration if not breathing.
Swallowed:	DO NOT INDUCE VOMITING. Rinse and wash mouth immediately. Drink large quantity of clean water from a glass. SEEK IMMEDIATE MEDICAL ASSISTANCE.
Skin:	Remove contaminated clothing and wash skin thoroughly with clean water. Seek medical assistance if irritation persists.

PRECAUTIONS FOR USE

Physical Controls:	Store and operate only in well ventilated areas.
Personal Protection:	Eye protection to be worn at all times. Handle electrolyte only with impervious PVC gloves.
Explosion Risk:	Explosive concentrations of hydrogen gas are produced as a by product of charging, and may prevail for some weeks even after charging has been discontinued. Under no circumstances should any ignition sources (including any form of smoking) be allowed in the immediate or general vicinity of the product.

SAFE HANDLING INFORMATION

Storage:	The product contains a scheduled Poison (S6) and is classified as a Class 8 Dangerous Good. It should be accommodated in accordance with the relevant State and Commonwealth regulations. Store away from food, oxidisable and combustible materials, and sources of ignition. Check regularly for spills and leaks.
Spills:	Dilute with water and neutralise with Vinegar. Refer to local waste disposal requirements for disposal.
Fire/Explosion:	Fire Fighters should wear full protective clothing including rubber footwear, and self contained breathing apparatus to minimise the risk of exposure to vapour or the products of combustion. Fires should be extinguished with water spray, foam, carbon dioxide or dry chemical powder.
Other information:	The product contains electrolyte which will damage clothing and is corrosive to most metals. Good industrial hygiene should be maintained at all times.

CONTACT POINT

Technical Manager: 02 9896 1588