

STATUS SCIENTIFIC CONTROLS

MATERIAL SAFETY DATA SHEET

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RECHARGEABLE BATTERY MODULE TYPE PGD/BATT

(Stock No's SS080 and SS080-US)

1. IDENTIFICATION

Name : Rechargeable Battery Module Type PGD/BATT

Associated Apparatus : Intended for powering Portable Gas Detector (PGD), certified for use in potentially explosive atmospheres.

Stock No. SS080 - for use with Portable Gas Detector Types PGD2 and PGD3-IR to Certificate No. Baseefa 03ATEX0235X.

Stock No. SS080-US - for use with Portable Gas Detector Type PGD2 to UL File No. E183650.

Chemical Name : Nickel Cadmium

Formula : Ni Cd

2. HAZARDOUS INGREDIENTS

Nickel hydroxide : Ni (OH)₂

Nickel, metallic : Ni

Cadmium : Cd

Potassium hydroxide solution : KOH

3. PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Static Hazard : Do not clean the plastic case within a potentially explosive atmosphere.

Charging : Not to be recharged within a potentially explosive atmosphere.

Explosion Hazard : Recharging by methods other than those provided by the manufacturer's equipment may cause disruption of the cells and release either gas (H₂/O₂) with explosive force and / or KOH liquid.

Use with equipment other than that for which the battery module is intended invalidates the hazardous area certification and may create an explosion risk.

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4. HEALTH HAZARDS

None

5. ACCIDENTAL RELEASE MEASURES

Personnel Protection : Contact of skin, eyes, clothes with potassium hydroxide solution must be avoided.

In case of contact, flush with water, neutralise with diluted boric acid solution.

Seek medical aid.

6. DISPOSAL

General : Batteries must not be disposed of in a fire.

Re-cycling : Defective and / or exhausted batteries shall be submitted to a suitable re-cycling operator or returned to the manufacturer for safe disposal.

Units must not be disposed of in household waste.