STATEMENT OF HAZARDOUS NATURE
Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company: ProSciTech
Address: PO Box 111, Thuringowa Central Qld. 4817 Australia
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444
Fax Number: (07) 4773 2244

IDENTIFICATION SECTION

Product Name: Benzoyl Peroxide (Powder)
Other Names: 
Product Code: 
U.N. Number: UN3104
Dangerous Goods Class: 5.2
and Subsidiary Risk: None allocated
Hazchem Code: None allocated
Poison Schedule: None allocated
Use: A catalyst for LR white

Physical Description and Properties
Appearance: White crystalline powder
Boiling Point/Melting Point: MP 103-104°C
Vapour Pressure: No data
Specific Gravity: No data
Flash Point: No data
Flammability Limits: Not determined
Solubility in water: Insoluble

Other Properties

Ingredients
Chemical Name: C_{14}H_{10}O_{3}
CAS Number: 94-36-0
Proportion: 70 - 75%
HEALTH HAZARD INFORMATION

Health Effects:

**Acute**
- **Swallowed:** May be harmful if swallowed.
- **Eye:** Causes eye irritation
- **Skin:** May be harmful if absorbed through the skin.
- **Inhaled:** May be harmful if inhaled. Material may be irritating to mucus membranes and upper respiratory tract.

**Chronic:**

First Aid:
- **Swallowed:** Give two glasses of water to drink and to induce vomiting. Do not give anything by mouth, or induce vomiting if victim is unconscious.
- **Eye:** Flush continuously with water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a doctor.
- **Skin:** Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a doctor.
- **Inhaled:** Remove from exposure. Apply artificial respiration if not breathing. Call a doctor.

First Aid Facilities: Eye bath, safety shower

Advice to Doctor

PRECAUTIONS FOR USE

**Exposure Standards:** No exposure standard established
**Engineering Controls:** Use only in a well ventilated area or with a fume hood
**Personal Protection:** Wash thoroughly after handling. Remove any contaminated clothing promptly. Discard contaminated shoes. Wear government approved respirator and chemical resistant gloves and safety goggles.
**Flammability:** UNSTABLE - Self ignition is possible. Avoid heat and contamination with any of the following: strong acids, strong bases, strong oxidizing agents, Amines, Polymerizing initiators, Reducing agents.

SAFE HANDLING INFORMATION

**Storage and Transport:** Store at 2 - 8°C in a tightly closed container away from combustible materials, heat, sparks, and open flame. UN3104, Hazard class: 5.2, Packing group: II, Proper Shipping Name: Organic peroxide type C, solid.

**Spills and Disposal:** Evacuate area. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Sweep up, place in suitable container and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Contact a licensed professional waste disposal service to dispose of the material. Observe all federal, state and local laws.

**Fire/Explosion Hazard:** EXPLOSIVE WHEN DRY. Emits toxic fumes under fire conditions. Contact with other material may cause fire. May accelerate combustion. Fire fighters should wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Extinguishing Media: Carbon dioxide, dry chemical powder, or appropriate foam.

OTHER INFORMATION

**Incompatibilities**

(Materials to avoid) Strong acids, Strong bases, Strong oxidizing agents, Amines, Polymerizing initiators, Reducing agents.

**Animal Toxicity Data:**
- LD50 Oral (Rat) >950 mg/kg;
- LD50 Oral (Rat) >5,000mg/kg;
- LC50 Inhalation (Rat) >22.4 ppm

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user’s responsibility to determine the suitability of this information for adoption of necessary
Benzoyl Peroxide (Powder)

safety precautions. We reserve the right to revise Material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.