

MOUNTAIN CLEANING PRODUCTS – URINAL BLOCKS

MOUNTAIN CLEANING PRODUCTS is offering for your consideration, an alternative urinal maintenance system. Based on **HYDROGEN PEROXIDE**, these blocks chemically neutralize and remove odour causing deposits, providing a new level of hygiene and cleanliness to the urinal system. Peroxide stable fragrances supply the necessary and complimentary background odour.

PDCB (para dichlorobenzene) deodorant blockettes have long been the only available solution to the perpetual problem of an odorous urinal in a public amenity block. A number of new products based have been marketed based on fragranced soap blocks, etc, but these products all rely upon a fragrance to simply overpower and mask bad odours. Customers are constantly searching for products with better environmental credentials.

SPECIAL FEATURES

- Dissolves to form active **HYDROGEN PEROXIDE** when wet (H_2O_2)
- **SEPTIC SAFE**
- **WATER CONSERVING** – urinal flushing can be greatly reduced
- **NON-TOXIC** - user friendly and environment friendly
- **FRESHENS AIR** - neutralizes odours, not just a masking agent
- **BIO-DEGRADABLE**
- Creates a **CLEAN & ANTI-BACTERIAL** environment in the urinal
- Removes the need to use any **OTHER CHEMICALS**
- Works **AUTOMATICALLY**, 24 hrs a day
- **SAVES MONEY** - to obtain a similar hygiene using other products, it will cost considerably more
- **STAIN RESISTING** - surfaces become slippery and shiny, very little sticks to them
- **REMIEDIATES** odorous septic systems
- **REDUCES** the risk of disease cross-infection
- **SAFE** on all urinal surfaces and fittings
- **BREAKS DOWN** any scale build up and stain that may have previously been present
- **CLEANS** and maintains sewer pipes and fittings – reduces corrosion
- **NO VOC's** (Volatile Organic Compounds)
- **REALLY WORKS** - customers regularly declare their satisfaction

Mode of Operation:

The **MOUNTAIN CLEANING PRODUCTS – URINAL BLOCKS** consist of tablets of compressed per-oxy salts combined with a range of attractive fragrances. The blocks slowly dissolve in the urinal, releasing an active solution of **HYDROGEN PEROXIDE**, the well known bleaching, deodorizing and sanitizing agent. All surfaces contacted by this solution undergo the oxidative effects of active oxygen, ie,

- Bleach removal of stains and whitening
- Disinfect active oxygen is a powerful germicide
- Soften water prevent the formation of scale and mineral deposits
- Deodorize via the oxidation of odour causing substances and bacteria.

TECHTALK - INFORMATION SHEET # 4

The unique operation of the **MOUNTAIN CLEANING PRODUCTS – URINAL BLOCKS** give 24 hour, round the clock protection.

No other chemical is needed. To clean the urinal, simply flush. It is recommended to periodically brush some fresh solution onto non-contact surfaces around the urinal, as these areas can be a major source of odour. Surfaces remain shiny and are less likely to mark. Old stains will disappear and Uric acid build up will gradually disperse and disappear.

Validation of Product Effectiveness.

The **MOUNTAIN CLEANING PRODUCTS – URINAL BLOCKS** have undergone extensive microbiological evaluations by an independent laboratory to TGA (Therapeutic Goods Administration) requirements in order to substantiate disinfectant claims – TGA Certified and certificates available on request.

MOUNTAIN CLEANING PRODUCTS – URINAL BLOCKS in Septic Systems:

Most traditional septic systems rely on anaerobic bacteria (don't require oxygen) to function. The doses of hydrogen peroxide generated by the **MOUNTAIN CLEANING PRODUCTS – URINAL BLOCKS** are diluted by the volumetric contents of the septic tank and consequently, are not strong enough to have a detrimental effect on the populations of anaerobic bacteria. However, the doses are sufficient to react with odour causing compounds and numerous other organic and inorganic contaminants which have a COD (Chemical Oxygen Demand), eg hydrogen sulphide, thiols, mercaptans.

ENVIRONMENT

The Great Barrier Reef Research Foundation, which is part of the Australian Marine Institute have given full endorsement to these products, allowing the endorsement to be published and displayed on product labelling and advertisements.

The **MOUNTAIN CLEANING PRODUCTS – URINAL BLOCKS** are based upon a formulated per-oxy salt blend with well established chemistry that breaks down to the elements oxygen, sodium and boron. As such the product has no BOD (Biological Oxygen Demand), and in fact assists the lowering of BOD of waste water by supplying excess DO (Dissolved Oxygen).

SAFETY

The **MOUNTAIN CLEANING PRODUCTS – URINAL BLOCKS** are classified as **NOT HAZARDOUS** according to the criteria of Worksafe Australia, **NOT A SCHEDULED POISON (SUSDP)** and **NOT DANGEROUS GOODS**, thus alleviating OH&S and storage concerns. The product presents no danger to council staff or handlers and do not require any special storage requirements other than being kept in a sealed dry container to extend shelf life.

MOUNTAIN CLEANING PRODUCTS – URINAL BLOCKS do not contain harsh chemicals, acids, alkalis, petrochemicals or abrasives. People with chemical sensitivities may find it to be a far safer alternative to conventional products. The product is manufactured from a per-oxy salt which is considered to have a low acute toxicity (LD50 rat > 2000mg/kg).

➤ **QUESTION - "HOW WOULD YOUR AMENITIES RATE?"**

Whichever business you are in, customers will be paying particular attention to the state of cleanliness in the amenities provided. In many cases, otherwise satisfied customers will take their business elsewhere because of an unsanitary or poorly maintained restroom.