



# MARLYN

## Product Information Sheet

### Sodium Cyanide

#### Product Description

Marlyn is a leading supplier of sodium cyanide to the precious metal industries in Southern Africa. Sodium cyanide is also known as hydrocyanic acid. The product is recommended for the extraction of gold, silver, nickel and other precious minerals from ores. Marlyn supplies high quality sodium cyanide in briquette form. The briquettes are highly soluble in water. An advantage of receiving solid sodium cyanide in briquette form ensures mine site personnel are not exposed to dust.

#### Technical Support and Training

Marlyn is committed to the safe transport, storage and handling of sodium cyanide from receipt of the product at our plant to the delivery of the product at our customers. A full technical support and training service is provided. These services including:

- Inspections and audits of sodium cyanide storage and receipt facilities to ensure statutory compliance
- Training mine site personnel on the safe handling of sodium cyanide
- Medical awareness and response training for sodium cyanide
- The provision of guidance and advice on risk assessment and procedures for storing and handling sodium cyanide
- Transport route risk assessments and recommendations
- Training vehicle operators and staff
- Free 24 hour telephone support (Rapid Spill Response 0800 172743)

#### Packaging

Solid sodium cyanide briquettes are packed in one-ton intermediate bulk containers (IBCs) for storage and transport. Each IBC consists of a waterproof polyethylene bag that has been heat-sealed to provide a moisture barrier. This is enclosed in a woven polypropylene bag that is encased in a custom-designed, strong wooden box on a pallet base to provide further protection during storage and transit.

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Marlyn's proven IBC packaging system complies with the International Maritime Dangerous Goods Code. Testing, including stack tests and bottom lift tests, ensures that the IBCs meet United Nations recommendations for the transportation of dangerous goods.

Solid sodium cyanide is also available in 35kg and 50kg pack sizes.

## Health and Safety Information

Sodium cyanide is highly poisonous. Cyanides must never be brought into contact with acids or acidic salts. Such contact will immediately generate toxic and flammable hydrogen cyanic gas. Please refer to the Material Safety Data Sheet for detailed information on the transportation, storage and handling of the product.