

### Cobalt Driers (TNL 1484)

#### 1. Identification

Cobalt Driers.

#### 2. Composition/information on ingredients

A solution of Cobalt Carboxylate in hydrocarbon solvent.

#### 3. Hazards Identification

Irritating to skin, slightly irritating to eyes. Combustible liquid. Electrostatic charges may be generated as a result of flow, stirring, etc.

#### 4. First-aid measures

Eye contact	Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.
Skin contact	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists seek medical attention.
Inhalation	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid of complete seek medical attention.
Ingestion	Wash out mouth with water. Do not induce vomiting. If patient is conscious give water to drink. If patient feels unwell seek medical attention.

#### 5. Fire-fighting measures

Extinguishing media	Water spray, foam, CO <sub>2</sub> . Do not use strong water jet.
Special fire fighting procedures	Use supplied air respirator if substance is involved in a fire. Keep run-off water out of sewers and water courses.

#### 6. Accidental release measures

Wear appropriate PPE (see Section 8). Prevent entry into drains and water courses. Absorb material with sand, earth or other suitable absorbent material. If possible, transfer to a salvage tank, otherwise absorb residues and place in suitable labelled containers and hold for waste disposal. Recover any cleaning water for disposal.

## 7. Handling and storage

Use vapour extraction and avoid formation or spread of mists. Keep containers tightly closed when not in use. Use good earthing practices to prevent build-up of electrostatic charge.

## 8. Exposure control and personal protection

### Exposure Limits

Cobalt and compounds - 0.1mg/m<sup>3</sup>, 8h TWA;      Type MEL.  
Organic solvents - 300 ppm, 8h TWA;      Type Manufacturers recommendation.

### Protective Measures

Respiratory:      Type approved RPE for organic vapours and mists if required.  
Hand:      PVC gloves.  
Eye:      Goggles.  
Skin:      Overalls and boots.

**Hygiene Measures**      Always wash thoroughly after handling chemicals.

## 9. Physical and chemical properties

Physical form	Liquid.
Colour	Blue.
Odour	Slight.
pH of aqueous solution	Not determined.
Boiling point	180°C
Melting point	Not determined.
Viscosity	Not determined.
Flash point	>61°C
Flammability solid/gas	Combustible.
Autoflammability	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	Non oxidizing.
Vapour pressure	Negligible.
Density	0.8 - 1.0
Water solubility	Insoluble.
Other solubility	Soluble in hydrocarbons.
Bulk density	Not determined.
Partition coefficient octanol/water	Not determined.
Explosive limits	Not determined.

## 10. Stability and Reactivity

Stable under normal conditions. Avoid sources of ignition and strong oxidizing agents. Hazardous decomposition products include oxides of carbon.

## 11. Toxicological Information

Irritating to the respiratory system at high vapour concentrations. Irritating to skin. Prolonged or repeated skin contact may cause dermatitis. Slightly irritating to eyes. Very small amounts aspirated into the lungs during ingestion or subsequent vomiting may cause severe lung congestion.

## 12. Ecological Information

No direct information available.

### 13. Disposal conditions

Dispose on substance via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations. Used containers must not be cut up or punctured until completely purged of product residues.

### 14. Transport information

Not regulated for transport

### 15. Regulatory Information

Supply label details:	Ref. CHIP 2
Label Name:	Manosec Cobalt HF grades
Symbols	Irritant
Risk Phrases:	38 Irritating to skin
Safety Phrases:	37 Wear suitable gloves

Guidance Notes: Users are advised to consult these regulations for further information.

The information contained in this data sheet does not constitute an assessment of workplace risks.

### 16. Other information

*The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.*