

## Material Safety Data Sheet

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### Product identifier

Product name: **Hydrowax WB 4852**

Description: Emulsion of paraffin wax in water

#### Details of the company of the safety data sheet

Company : Permanite Industrial Products

Address : Unit 17c 4/8 Rana Road, Isipingo Rail

Telephone: 0319023227

#### Emergency Telephone Numbers

Emergency number : 082 653 5062

Working hours : 7am –16:30pm

### SECTION 2: Hazards identification

#### Classification of the substance or mixture

**Classification:** The product is not dangerous and therefore free of labelling.

**Main hazard:** None

### SECTION 3: Composition/information on ingredients

#### Mixtures

Chemical name	CAS-No.	EINECS No.
Paraffinitic component	8002-74-2	232-315-6

### SECTION 4: First aid measures

#### Description of first aid measures

##### Eyes- In case of eye contact:

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

##### Skin - In case of skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water

##### Ingestion - In case of ingestion:

Do not induce vomiting. Call for a doctor immediately. Product not considered as toxic

##### Inhalation In case of inhalation:

In case of inhalation remove the casualty into fresh air.

#### General Information

Remove contaminated soaked clothing immediately.

Avoid contact with eyes and skin

It is recommended to use safety clothing, safety gloves and safety goggles/safe screen

## SECTION 5: Fire Fighting measures (Extinguishing media)

**Extinguishing media:** Carbon dioxide, sand, dry chemical powder, foam

**Special hazards arising from the substance or mixture:** Carbon oxides upon combustion

**Advice for fire-fighters:** Use breathing apparatus with independent air supply (isolated)

Product is not flammable. Once water evaporates out of product, the remaining hydrocarbon oil is flammable.

## SECTION 6: Accidental release measures

**Environmental precautions.** Do not discharge into the drains/surface waters/groundwater.

**Methods and material for containment and cleaning up.**

Dilute with water and mop up or absorb with inert material and place in appropriate waste disposal container

## SECTION 7: Handling and storage

**Precautions for safe handling:** No special necessary if used correctly

**Conditions for safe storage and fire prevention:**

Only use containers that are approved specifically for the substance/product.

Do not store together with oxidizing agents or food.

Avoid formation of product mist.

To be stored under control of light and temperature conditions.

Prevent against freezing

## SECTION 8: Exposure controls/personal protection

### Control parameters

#### **Exposure controls**

**Exposure Limits** USA (ACGIH recommended) : TLV for wax mist: 2mg/m<sup>3</sup>

#### **Individual protection measures**

- Wear chemical protective clothing ,heat resistant.
- Approved safety goggles.
- Use safety gloves of following materials: NBR (nitrile)
- Wear suitable respiratory equipment when necessary.

## SECTION 9: Physical and chemical properties

**Physical state:** liquid (emulsion)

**Colour:** white

**Odour:** mild

#### **Important health, safety and environmental information**

**Flash point:** Not available

**Density @ 20°C:** 0.85 kg/L

**pH:** 8.5 – 10.5

**Solubility in water:** Soluble

Additional information. The data are subject to usual tolerances

## SECTION 10: Stability and reactivity

**Chemical stability:** Incomplete combustion/thermic decomposition can lead to formation of smoke, carbon and nitrogen oxides

**Materials to Avoid:** Strong acids and alkali's

**Conditions to avoid** Temperatures < 5°C and >35°C as product may separate

## SECTION 11: Toxicological information

Information not available. Products of similar composition did not induce toxic effects

## SECTION 12: Ecological information

Information not available

## SECTION 13: Disposal considerations

**Waste code No.**  
12 01 12 / 12 03 02

**Name of waste**  
spent waxes & fats/steam degreasing wastes

**Recommendations for the product:** Dispose of in accordance with local federal laws and environmental control regulations

**Recommendations for packaging:** Contaminated packaging should be emptied as far as possible and after appropriate cleaning, may be taken for reuse. Drums and pallets may be sent back to supplier

## SECTION 14: Transport information

Product not classified as hazardous for transport according to the following:  
**DOT (United States) TDG (Canada) IMDG IATA/ICAO**

## SECTION 15: Regulatory information

Not classified under EU regulations

## SECTION 16: Other information

### Disclaimer

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Prepared by : Permanite Industrial Product