

Material Safety Data Sheet

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

Product identifier

Product name: **PIP Bituslide**

Description: Emulsion of hydrocarbon oil 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
Paraffinitic component

CAS-No.
64742-01-4

EINECS No.
265-101-6

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: 5mg/m³

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: yellow/off white

Odour: mild

Important health, safety and environmental information

Flash point: Not available

Density @ 20°C: 0.96 kg/L

pH: 6.5 - 8

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 < 0°C and >40°C as product may separate

SECTION 11: Toxicological information

Acute toxicity, Oral Practically non-toxic (LD50: > 2000 mg/kg; rats) based on test results obtained from similar products and/or their components (OECD method 401).

Dermal Practically non-toxic (LD50; > 2000 mg/kg; rabbits) based on test results obtained on similar products and/or their components (OECD method 402).

Inhalation Practically non-toxic (LC50; > 5 mg/l; rats) based on test results obtained on similar products and/or their components (OECD method 403).

SECTION 12: Ecological information

Elimination/persistence and degradability:

Hydrocarbon oil: Biodegradable

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