

SAFETY DATA SHEET

MSDS DM150PP-81

Rev Level: 2

Rev Date. February 17th, 2010

DM150PP-81

1. Identification of the substance/preparation and of the company/undertaking

Product name DM150PP-81
Permawick Company
255 East Brown Street; Ste. 100
Birmingham, MI, 48009
Tel: 1-248-433-3500

Emergency telephone number CHEMTREC 1-800-424-9300 (24hr) or 1-812-376-0703 (8AM – 4:30PM)

Material Uses : Bearing Lubricant

2. Composition / information on ingredients

Substance/Preparation	:	Preparation	CAS #	Percent
	:	Solvent refined Hydrocarbon Distillate (Mineral Oil)	64741-88-4	60 – 69
	:	Wooden fiber	none	16 - 28
	:	Lubricant Additives	proprietary	4 - 7

To present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting in this section, in accordance to EU regulations or National regulations.

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Effects and symptoms

Skin Contact : Irritation of the product in case of skin contact: Not available.
 Sensitization of the product: Not available.

Eye Contact : Hazardous in case of eye contact (corrosive).

Aggravating conditions : Repeated or prolonged exposure is not known to aggravate medical condition.

4. First-aid measures

First-Aid measures

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin Contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Eye Contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

5. Fire-fighting measures

Extinguishing Media

Suitable : SMALL FIRE: Use DRY chemical powder.
 LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special fire-fighting procedures : Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Protection of fire-fighters : Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

Personal precautions : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Environmental Precautions and Clean-up Methods : Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Keep container dry. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes. Never add water to this product. If you feel unwell, seek medical attention and show the label when possible.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
- Hygiene measures** : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
- Occupational Exposure Limits** : Not available.

Personal protective equipment

- Skin and body** : Lab coat. Gloves.
- Eyes** : Splash goggles.

9. Physical and chemical properties

- Physical state** : Liquid.
- Color** : Brown.
- Odor** : Characteristic.
- pH** : Not applicable.
- Melting Point** : -12.5°C (9.5°F)
- Flash point** : Open cup: 276°C (528.8°F)(Cleveland.)
- Explosive properties** : Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.
- Oxidizing Properties** :
- Density** : 0.8764 g/cm³ (15°C / 59°F)
- Solubility** : Insoluble in cold water.
- Viscosity** : Kinetic (40C): 152 cSt

10. Stability and reactivity

- Stability** : The product is stable.

11. Toxicological information

Local effects

- Chronic toxicity** : Repeated or prolonged exposure is not known to aggravate medical condition.

12. Ecological information

13. Disposal considerations

- Methods of disposal ; Waste of residues ; Contaminated packaging** : Waste must be disposed of in accordance with federal, state and local environmental control regulations.
- Waste Classification** : Not applicable.
- European Waste Catalogue (EWC)** : Not available.
- Hazardous Waste** : To present knowledge of the supplier, this product is not regarded as hazardous waste as defined by EU Directive 91/689/EC.

14. Transport informationInternational transport regulations

<u>Regulatory Information</u>	<u>UN number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing Group</u>	<u>Label</u>	<u>Additional information</u>
<u>ADR/RID Class</u>	Not regulated.					
<u>ADN Class</u>	Not regulated.					
<u>IMDG Class</u>	Not regulated.					
<u>IATA-DGR Class</u>	Not regulated.					

15. Regulatory informationEU Regulations

- Risk Phrases** : This product is not classified according to the EU regulations.
- Product Use** : Classification and labeling have been performed according to EU directives 67/548/EEC, 1999/45/EC including amendments and the intended use.
- Consumer applications.
- EC Statistical Classification (Tariff Code)** :

16. Other information

- Full text of R-Phrases with no. appearing in Section 2 - Europe** :
- Text of classifications appearing in Section 2 - Europe** :

HISTORY

- Date of printing** : 2004/08/19.
- Date of issue** : 2010/02/17.
- Date of Previous Issue** : No Previous Validation.
- Version** : 2
- Prepared by** :

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.