

# Safety Data Sheet

PMI-107

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## 1. Chemical product and company identification

<b>Supplier :</b>  <b>Well Engineering &amp; Technology Sdn Bhd</b> Level 10, Menara Weld No. 76 Jln Raja Chulan 50200 Kuala Lumpur	<b>Synonyms :</b>  <b>PSI</b>
Tel : +603 2026 6787 Fax : +603 2034 2199 Email : <a href="mailto:welltech@welltechengineering.com">welltech@welltechengineering.com</a>	<b>Chemical / Technical Nature :</b> Wax inhibitor and dissolver, de-emulsifier, Corrosion inhibitor, DRA

## 2. Composition / information on ingredients

Proprietary irreversibly compounded amphiphilic surfactant 50 – 100% No CAS number is applicable
Hydrocarbons C11-C14, n-alkanes, isoalkanes, cyclics <2% aromatics 1 – 5% EC No 926-141-6

## 3. Hazards Identification

Emergency Overview	
This is a compounded mixture of non-hazardous ingredients	
Likely Routes of Exposure: Eye contact, skin contact, inhalation. (See Section 11 for more information)	
NOT a Flammable liquid (Flash point > 93°C)	No symbol required
Category 3 Mild skin irritant	No symbol required
Category 2 subcategory 2b mild eye irritant	No symbol required
Category 5 Acute toxicity by ingestion	No symbol required

#### **4. First Aid Measures**

Eye Contact	Remove contact lenses at once. Open eyes wide and flush with water. If irritation occurs and persists, seek medical attention.
Skin Contact	Wash affected area with soap and water. Remove saturated clothing. If irritation develops, seek medical attention.
Inhalation	Remove affected person from source of exposure. In the event of any discomfort, move to fresh air.
Ingestion	Immediately rinse mouth and give plenty of water to drink. DO NOT induce vomiting to avoid aspiration into the lungs the result of which could cause chemical pneumonia. Get medical assistance if discomfort occurs and persists
General	As with any chemical, wash hands with soap and water after handling this material and before eating or smoking.

#### **5. Fire Fighting Measures**

This is not a flammable product. Use extinguishing products suitable for surrounding materials.

Products of Combustion: Black smoke, carbon monoxide, and carbon dioxide.

Protection of Firefighters: Smoke may be irritating to eyes and respiratory tract. Fire fighters should wear self-contained breathing apparatus (SCBA), if necessary.

#### **6. Accidental Release Measures**

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Keep out of drains, sewers, ditches and waterways. In the event of an uncontrolled discharge to waterways, contact the local regulator.

Methods for Containment: Dyke spill area and cap leaking containers as necessary to prevent further spreading of spilled material.

Methods for Clean Up: Collect spilled liquid with suitable absorbent material. Rinse residues with water and collect for approved disposal.

Other Information: There are no special reporting requirements for spills of this material.

#### **7. Handling and Storage**

Handling

Avoid spillage, skin and eye contact. As with any chemical, thoroughly wash hands with soap and water after handling this material.

## Storage

Store in frost free conditions in steel or plastic containers and away from direct heat or sunlight.

Keep container closed when not in use.

Storage life at least two years when product is kept in original, unopened containers.

## 8. Exposure Controls / Personal Protection

Engineering Controls: Provide ventilation. Keep away from sparks and flames.

Eye/Face Protection: Wear safety glasses or goggles.

Skin Protection: Nitrile, PVC or rubber gloves are recommended.

Respiratory Protection: Not normally required.

General Hygiene Considerations: Wash hands thoroughly after handling. Have eyewash and emergency shower facilities immediately available. Launder contaminated clothing before reuse.

## 9. Physical & Chemical Properties

Colour:	Amber
Odour:	Slight Amine
Physical State:	Liquid
pH:	4.5 to 5.5
Flash Point:	>150°C
Solubility:	Soluble in ethanol, miscible in water
Boiling Range:	IBP 100°C
Specific Gravity:	@25°C : 1.04

## 10. Stability & Reactivity Data

Stability: Stable

Conditions to Avoid: Avoid excessive heat for long periods. Keep away from frost.

Incompatible Materials: Strong oxidizing agents; strong reducing agents

Hazardous Decomposition Products: None.

Possibility of Hazardous Reactions: None.

## 11. Toxicological Information

### Acute Effects

Ingestion	LD50 greater than 2g/kg.
Inhalation	LC50 greater than 10mg/l. In high concentrations vapours may irritate throat and cause coughing.
Eye irritation	Slight, Transient, conjunctival irritation.
Skin Irritation	Prolonged exposure may cause transient redness and irritation.

Chronic Effects: None

## 12. Ecological Information

Ecotoxicity: The product components are not considered to be environmentally hazardous. However it is possible that large and frequent spills might have an adverse effect on the environment.

### Toxicity:

LC <sub>50</sub> 96 hours Fish mg/l	1 – 5
EC <sub>50</sub> 48 hours Daphnia mg/l	15
IC <sub>50</sub> 72 hours Algae mg/l	10 – 300

### Degradability/ Bioaccumulation

This surfactant complies with the criteria laid down in Regulation (EC)No 648/2004). This product contains no ingredient considered to have accumulative potential.

This product is miscible in water so may spread in soil and water systems.

## 13. Disposal Considerations

Disposal: Waste should be treated as controlled waste and should be handled in accordance with Local or Government Regulation. Do not discharge to foul sewer or water courses. Clean containers prior to disposal.

#### 14. Transport Information

This Product is not covered by any International Regulation (IMDG, IATA, ADR/RID)

Harmonised Tariff Code:	34021190
Proper Shipping Name:	No information required
Hazard Class:	No information required
UN Identification No:	No information required
Packing Group:	No information required
Lable/Placard:	No information required
TDG Status:	Non-Hazardous
IMO Status:	Non-Hazardous
IATA Status:	Non-Hazardous

#### 15. Regulatory Information

Proposition 65: California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens, mutagens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

SARA Title III (Section 313)

This substance contains no materials subject to the reporting requirements of SARA Title III (Section 313).

#### 16. Other Information

Caution: The user should conduct his/her own experiments and establish proper procedures and control before attempting use on critical parts.

The information contained herein is given in good faith and is based on current knowledge and experience: no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information obtained by the user. No warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment. This information is furnished upon the condition the person receiving it shall determine the suitability for the particular purpose. This MSDS is to be used as a guideline for safe work practices and emergency response.

