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Section 1: Chemical Product and Company Identification

Product Name : **Semi-Refined Paraffin Wax**

Company Identification : 4 Silicon Road,
Mariann Industrial Park,
Pinetown,
4147

Health Emergency Telephone : 10111

Contact Info : info@jagpetroleum.co.za

JAG Website : www.jagpetroleum.com

Section 2: Composition and Information on Ingredients

NAME	CAS	% BY WEIGHT
Semi Refined Paraffin wax 60/66	8002-74-2	100

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS : Not available.

MUTAGENIC EFFECTS : Not available.

TERATOGENIC EFFECTS : Not available.

DEVELOPMENTAL TOXICITY : Not available.

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

Section 4: First Aid Measures

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 if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. **Serious Skin Contact:** Not available.

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

Serious Inhalation: Not available.

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.

Section 5: Fire-Fighting Measures

Serious Ingestion: Not available.

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 235°C (473°F) - 330 C.

Flash Points: OPEN CUP: 204°C (399°F). Flammable Limits: Not available

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.
Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

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.

Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Section 6: Accidental Release Measures

Special Remarks on Explosion Hazards: Not available.

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7: Handling and Storage

Precautions: 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 dust. Keep away from incompatibles such as oxidizing agents

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves.

A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Paraffin Wax (Fume)

TWA: 2 STEL: 6 (mg/m3) [Canada]

TWA: 2(mg/m3) from OSHA (PEL) [United States]

TWA: 2(mg/m3) from ACGIH (TLV) [United States]

TWA: 2(mg/m3) from NIOSH [United States]

TWA: 2 STEL: 6[United Kingdom (UK)] Consult local authorities for acceptable exposure limits

Section 9: Physical and Chemical Properties

Physical state	:	Solid
Form	:	Slab
Colour	:	White
Vapor Density	:	Not available.
Volatility	:	Not available.
Odour Threshold	:	Not available.
Melting point	:	60-66°C
Water/Oil Dist. Coeff.	:	Not available.
Ionicity (in Water)	:	Not available.
Dispersion Properties	:	Not available. Solubility: Insoluble in cold water, hot water

Section 10: Stability and Reactivity Data

Stability	:	The product is stable. Instability Temperature: Not available.
Conditions of Instability	:	Excess heat
Incompatibility with various Substances	:	Reactive with oxidizing agents.
Corrosivity	:	Non-corrosive in presence of glass.
Special Remarks on Reactivity	:	Not available.
Special Remarks on Corrosivity	:	Not available.

Section 11: Toxicological Information

Polymerization: Will not occur.

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals: LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation. Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects :

Skin: Solid material is not expected to be an irritant, but it may cause mild skin irritation.

Eyes: Solid materials is not expected to be an irritant, but it may cause mild eye irritation. Vapors from molten wax may cause eye irritation.

Inhalation: Low hazard. Paraffin wax fumes may be irritating to the eyes nose and throat. and may also produce nausea. 'However, vapors emitted from molten wax are expected to have a low degree of irritation by inhalation. Ingestion: Ingested paraffin wax is not absorbed, and is considered nontoxic. Ingestion of large amounts may have a mild laxative effect and cause diarrhoea.

Chronic Potential Health Effects:

Skin: Poor personal hygiene can lead to wax plugging of skin follicles and producing so-called "Wax Boils"e

Section 12: Ecological Information

Ecotoxicity: Not available. BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely.

However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: Not available.

Section 13: Disposable Considerations

Special Remarks on the Products of Biodegradation: Not available.

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations

Section 14: Transport Information

DOT Classification	:	Not a DOT controlled material (United States).
Identification	:	Not applicable
IMDG	:	Not regulated as a hazardous material

Section 15: Other Regulatory Information

Special Provisions for Transport: Not applicable.

Federal and State Regulations:

Illinois toxic substances disclosure to employee act: Wax (Paraffin) Fume Rhode Island RTK hazardous substances: Wax (Paraffin) Fume Pennsylvania RTK: Wax (Paraffin)

Minnesota: Wax (Paraffin) Fume

Massachusetts RTK: Wax (Paraffin) Fume

TSCA 8(b) inventory: Wax (Paraffin)

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances. Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): This product is not classified according to the EU regulations.

Not applicable.

HMIS (U.S.A.): Health Hazard: 1

Fire Hazard: 1 Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.): Health: 0

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment: Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16: Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if King Honour International Ltd has been advised of the possibility of such damages.