

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION

**Product Name:** **LAMP OIL PARAFFIN 3440-TK  
(AMAZING HASTE)**

**Other Names:** Lamp Oil, Deodorised Kerosene, 3440 TK

**Recommended Use:** Fuel for lamps

**Supplier:** TMK Packers Ltd

**Address:** 2/20 Trugood Drive, East Tamaki.  
PO Box 258 031, Botany, Manukau 2163

**Telephone:** (+64) 9 273 3753

**Facsimile:** (+64) 9 273 3752

**Website:** [www.tmkpackers.co.nz](http://www.tmkpackers.co.nz)

**Emergency phone:** **National Poison Centre  
0800 POISON [ 0800 764 766]**



### 2. HAZARDS IDENTIFICATION

Product is classified as hazardous according to Schedules 1 to 6 of the *Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001* of the HSNO Act, 1996.

**HSNO Classifications:** 3.1C, 6.1E, 6.3B, 9.1D

**Signal word:** **WARNING**

**Hazard Statements :**

H226 Flammable liquid  
H304 May be harmful if swallowed  
H316 Causes mild skin irritation  
H413 May cause long-lasting harmful effects to aquatic life

**Prevention Statements :**

P102 Keep out of reach of children  
P103 Read label before use  
P210 Keep away from heat, open flames, hot surfaces. No smoking.  
P233 Keep container tightly closed  
P240 Ground container and receiving equipment  
P241 Use explosion-proof electrical/ventilating/lighting equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P273 Avoid release to environment  
P280 Wear protective gloves and eye protection



### 3. COMPOSITION : Information on Ingredients

Chemical Ingredient	CAS No.	Proportion (%)
Alkanes	90622-57-4	100

### 4. FIRST AID MEASURES

For advice, contact National Poison Centre (0800 POISON ; 0800 764 766) or a doctor.  
 Have product container or label available.

#### Swallowed

If swallowed, do NOT induce vomiting. Rinse mouth. Give water to sip. If spontaneous vomiting occurs, hold patients head below hips to avoid possible aspiration of vomitus into lungs. Get medical attention.

#### Skin Contact

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation persists get medical attention.

#### Eye Contact

Hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes. Remove contact lenses if present and easy to do, after the first 5 minutes and continue rinsing. Get medical attention if irritation persists.

#### Inhalation

Move the victim to fresh air immediately. Keep warm and at rest until recovered. Get medical attention if rapid recovery does not occur.

**First Aid Facilities:** Provide eye bath and hand washing facilities.

**Advice to Doctor:** Treat according to symptoms. Gastric lavage may be indicated if ingested. Do not wait for symptoms to develop. Risk of aspiration into lungs with potential to cause chemical pneumonitis. General measures should be taken to control acidosis and maintain urine output.

### 5. FIRE FIGHTING MEASURES

**Flashpoint:** 49°C  
**Flammable limits:** LFL : 0.7% UFL: 5.4%

#### Extinguishing media:

Foam or dry chemical. Use water spray or water fog on large fires only.

#### Fire & Explosion hazards:

Flammable liquid. Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend fire in progress, providing fire-fighters with this Safety Data Sheet. Keep extinguishing media



for escaping to drains and waterways. Do not breathe smoke, gases or vapours generated in a fire. Decomposition products may be toxic.

#### Firefighting Equipment:

Full protective clothing and self-contained breathing apparatus (SCBA).

#### In event of fire:

- Alert Fire Bridge (111); advise location and nature of hazard.
- Keep bystanders away.
- Wear breathing apparatus and protective gloves.
- Shut off product that may 'fuel' a fire if safe to do so.
- Eliminate sources of ignition
- If safe, switch off electrical equipment until vapour hazard removed.
- Use fine water spray to control fire and cool adjacent area.
- Allow trained personnel to attend a fire in progress, providing fire-fighters with this Safety Data Sheet.
- Prevent product and extinguishing media from escaping to drains and waterways.

#### Hazards from combustion products:

Product will emit toxic fumes of carbon monoxide.

Hazchem Code: 3Y

## 6. ACCIDENTAL RELEASE MEASURES

#### Emergency Procedures & Containment:

Refer to "Fire Fighting Measures", "First Aid Measures" and "Stability and Reactivity".

#### Minor spills

- Clean up spills immediately.
- Remove all ignition sources.
- Avoid breathing vapours and contact with skin and eyes.
- Wear personal protective equipment.
- Contain and absorb small quantities with vermiculite or other absorbent material.
- Collect residues and waste material in a labelled container.
- Seal container and dispose of safely.

#### Major spills

- Clear area of personnel and move upwind.
- Alert Fire Bridge (111); advise location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Eliminate ignition sources, naked lights. No smoking.
- Stop leak if safe to do so.
- Water spray or water fog may be used to disperse or absorb vapour.



- Contain spill with sand, earth or vermiculite.
- Use spark-free shovels and explosion proof equipment.
- Prevent by any means available, spillage from entering drains, sewers, watercourses, or low-lying areas.
- Increase ventilation.
- Collect recoverable product into labeled contains for recycling.
- Absorb remaining product with sand, earth or vermiculite.
- Collect solid residues and seal in labelled drums for disposal.
- Wash area and prevent run off into drains.
- If contamination of drains or waterways occurs, advise Emergency Services and Local or Regional authority.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Flammable product. Read product label before use. Use in well-ventilated area. Avoid smoking, naked lights or ignition sources. Do not open near open flame, sources of heat or ignition. Avoid all personal contact including by inhalation. Wear personal protective equipment including gloves and eye protection. Wash hands with soap and water after handling.

### Conditions for safe storage:

Store in original packaging in a cool, dry well-ventilated place out of direct sunlight and out reach of children. Check containers periodically for leaks or distortion.

### Incompatible materials:

Natural rubbers, butyl rubber, EPDM, polystyrene.

## 8. EXPOSURE CONTROLS : PERSONAL PROTECTION

### Health Exposure Standards:

No Workplace Exposure Standard (WES) has been set by the Occupational Safety and Health Service, NZ Department of Labour for this product. The suppliers recommendation for this product is:

WES-TWA  
Alkanes 171 ppm (1200 mg/m<sup>3</sup>)

### Biological limit values:

None established

### Engineering Controls:

**Ventilation:** Avoid breathing vapours. Use product outdoors or in well-ventilated area. In confined spaces or poorly ventilated areas, provide mechanical ventilation. Use explosion-proof equipment.

### Personal Protective Equipment:

**Respiratory Protection:** Not normally required when used in well-ventilated areas. Wear a SAA approved respirator when using in confined area or where risk of over-exposure risk exists.



**Eye Protection:** Protect eyes from splashes. Always use safety glasses with side shields, or wear goggles.

**Skin/ Body Protection:**

Wear gloves, e.g. PVC. Wear safety footwear or safety gumboots, e.g. rubber, and clothing with long sleeves and long trousers or coveralls.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical value
Appearance	-	Clear liquid
Odour	-	Solvent
Flash Point	°C	49
Specific gravity @ 20°C	g/ml	0.759
Vapour Pressure @ 20°C	kPa	0.1
Vapour Density @ 20°C	kPa	>1
Explosive Limits in Air	%	0.7 – 5.4
Viscosity	cSt	Not available
Volatiles	%vol/vol	100
Alkalinity/acidity (as pH)	-	Not applicable
Solubility in Water	% w/w	< 0.1

The values listed are indicative of this product's physical and chemical properties.

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable at room temperature and pressure.

**Conditions to avoid:** Sources of heat and ignition, open flames

**Hazardous decomposition products:** No decomposition products except on burning. See "Fire Fighting Measures" and "Hazardous Reactions".

**Hazardous reactions:** Oxidising agents, mineral acids, halogenated organic compounds.

## 11. TOXICOLOGICAL INFORMATION

### Acute Effects

#### Ingestion

Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may result in chemical pneumonitis or pulmonary oedema. Ingestion of large amounts will result in headaches, nausea, dizziness and tracheal burning.

#### Eye Contact

This product may be irritating to the eyes but will not permanently damage the eye tissue.



### **Skin Contact**

This product is irritating to the skin with prolonged or repeated exposure. May result in drying and cracking of skin.

### **Inhalation**

Vapours may cause discomfort to the upper respiratory tract. Symptoms of over-exposure may be drowsiness, dizziness, nausea, headaches and other central nervous effects.

### **Chronic Effects:**

No specific information available.

### **Other Health Effects Information:**

Not available.

### **Toxicological Information:**

Not available

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity:**

**Aquatic toxicity:** This product has been classified as being harmful to aquatic life with long-lasting effects based on data for a similar product. Do not discharge product to sewer, drains or waterways.

**Persistence/degradability:** Expected to degrade rapidly in air and to be removed in waste water treatment.

**Mobility:** Highly volatile and will evaporate rapidly. Product is not miscible with water.

**Other information:** Not available

**Environmental Exposure Standards:** None set

## **13. DISPOSAL CONSIDERATIONS**

### **Disposal Methods:**

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national, regional and local authority regulations. Packaging may still contain product flammable vapours. Ensure empty packaging is allowed to dry.

## **14. TRANSPORT INFORMATION**

UN Number: 3295

Shipping name: HYDROCARBONS,, LIQUID, N.O.S



(CONTAINS ALKANES)

Class: 3  
Packing group: III  
Hazchem code: 3Y

### **Dangerous Goods Segregation**

This product is classified as Dangerous Good Class 3.

Please consult NZS 5433:2007 Transport of Dangerous Goods on Land for information.

## **15. REGULATORY INFORMATION**

**Country/ Region:** New Zealand

**Inventory:** NZCIL

**Status:** Listed

### **ERMA New Zealand Approval Code:**

HSR002650 Solvent (Flammable) Group Standard 2006.

Refer [www.ermanz.govt.nz](http://www.ermanz.govt.nz) for information on Controls.

## **16. OTHER INFORMATION**

**Date of Issue:** 26<sup>th</sup> November, 2010

**Reasons for Issue:** New Safety Data Sheet

**Replaces:**

### **Abbreviations:**

CAS No Chemical Abstracts Number  
ERMA Environmental Risk Management Authority  
HSNO Hazardous Substances and New Organisms  
NZCI New Zealand Chemical Inventory  
STEL Short Term Exposure Limit  
TWA Time Weighted Average  
WES Workplace Exposure Standard

### **References:**

Supplier Material Safety Data Sheet

ERMA website: [www.ermanz.govt.nz](http://www.ermanz.govt.nz)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact TMK Packers Ltd.

END OF SAFETY DATA SHEET

