

# MATERIAL SAFETY DATA SHEET

## WHITE SPINDLE OIL

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of substance/preparation  
LUBRICATING OIL

WHITE SPINDLE OIL

#### Application

Industrial Stock Oil

For specific application advice see appropriate Technical Data Sheet or consult your WHITE SPINDLE OIL representative

#### Company Identification

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS No.	CONTENT	mass%	REMARKS
Petroleum Hydrocarbon	64742-55-8	100		Oil Mist—Mineral OSHA PEL 5mg/m <sup>3</sup> (TWA) ACGIH TLV 5mg/m <sup>3</sup> (TWA) 10mg/m <sup>3</sup> (STEL)

### 3. HAZARDS IDENTIFICATION

This Product is not classified as dangerous according to Directive 67/548/EEC as amended and adapted.

Physical/chemical hazards Not classified as dangerous.

Human health hazards Not classified as dangerous.

Environmental hazards Unlikely to be harmful to aquatic organisms.

#### Effects and symptoms

Eyes	Not significant health hazards identified.
Skins	Not significant health hazards identified.
Inhalation	Not significant health hazards identified.
Ingestion	Not significant health hazards identified.

### 4. FIRST-AID MEASURES

#### Eyes

Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open.

Obtain medical advice if any pain or redness develops or persists.

#### Skin

Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.

#### Ingestion

If contamination of the mouth occurs, wash out thoroughly with water.

Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice.

#### Inhalation

If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.

#### Medical Advice

Treatment should in general be symptomatic and directed to relieving any effects.

Aspiration of the product is unlikely to occur except as the result of ingestion, followed by vomiting or regurgitation in a partially or totally unconscious individual, when immediate effects are most likely to result from the aspiration of acidic stomach contents.

If it should occur, transport casualty immediately to hospital.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

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

Special fire-fighting producers 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

Ensure good ventilation.

Evacuate all non essential personnel from the immediate area.

Contain and recover spilled material using sand or other suitable inert absorbent material.

It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated.

Spilled material may make surfaces slippery.

Protect drains from potential spills to minimise contamination. Do not wash product into drainage system.

In the case of large spills contact the appropriate authorities.

## 7. HANDLING AND STORAGE

### Handling Precautions

Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate.

Avoid frequent or prolonged skin contact with fresh or used product.

Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times.

Whilst using do not eat, drink or smoke.

Wash hands thoroughly after contact.

Use disposable cloths and discard when soiled.

### Fire Prevention

Product soaked rags, paper or material used to absorb spillages, represent a fire hazard, and should not be allowed to accumulate. Dispose of safely immediately after use.

Empty containers represent a fire hazard as they may contain some remaining flammable product and vapour. Never cut, weld, solder or braze empty containers.

### Storage Conditions

Store under cover away from heat and sources of ignition.

Containers must be properly labelled and kept closed when not in use.

Empty packages may contain some remaining product. Retain hazard warning labels on empty packages as a guide to the safe handling, storage and disposal of empty packaging.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits This product does not have assigned OELs.

Control measures Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limit. Ensure that eyewash stations and safety showers are close to the workstation location.

Hygiene measures Wash hands after handling compounds and before eating, smoking, using lavatory,and at the end of day.

### Personal protective equipment

Respiratory system None required;however,use of adequate ventilation is good industrial practice.

Skin and body None required;however,use of protective clothing is good industrial practice.

Hands None required;however,use of gloves is good industrial practice.

Eyes Safety glasses with side shield.

Date of issue 8 December 2005

## 9. PHYSICAL AND CHEMICAL PROPERTIES Typical Values

	Units	
Physical state		Clear Liquid
Color		Light Yellow
Odor		Mild Oil Odor
Density @ 15°C	g/cm <sup>3</sup>	0.85~0.88
Flash point (COC)	°C	174
Boiling point	°C	200
Pour point	°C	-5.0
Solubility in Water		Insolble
Viscosity(@40°C)	mm <sup>2</sup> /s	9.37

## 10. STABILITY AND REACTIVITY

## Conditions to Avoid

Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use.

Hazardous polymerisation reactions will not occur.

This material is combustible.

## Materials to Avoid

Avoid contact with strong oxidizing agents.

## Hazardous Decomposition Products

Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions.

Incomplete combustion/ thermal decomposition will generate smoke, carbon dioxide and hazardous gases, which will include carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

## Eyes

Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

## Skin

Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis.

## Ingestion

Unlikely to cause harm in small doses. Larger quantities may cause nausea, diarrhoea and symptoms of central nervous system depression including dizziness, drowsiness, headaches and possible loss of consciousness.

Will injure the lungs if aspiration occurs, eg. during vomiting.

## Inhalation

Likely to be irritating to the respiratory tract if high concentrations of mists or vapour are inhaled.

May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.

May cause nausea, dizziness, headaches and drowsiness if high concentrations of vapour are inhaled.

## 12. ECOLOGICAL INFORMATION

## Mobility

Spillages may penetrate the soil causing ground water contamination.

## Persistence and degradability

This product is not expected to be readily biodegradable.

## Bioaccumulative potential

There is no evidence to suggest bioaccumulation will occur.

## Aquatic toxicity

May be harmful to aquatic organisms.

Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

13. DISPOSAL CONSIDERATIONS

Where possible, arrange for product to be recycled.

Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations.

Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

Dispose of product and container carefully and responsibly. Do not dispose of near ponds, ditches, down drains or onto soil.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

ADR/RID

ADN

IMDG

ITA-DGR

15. REGULATORY INFORMATION

EU regulations

Risk Phrases

This product is not classified according to the EU regulations.

Product Use

Classification and labelling have been performed according to EU directive 67/548/EC including amendments and the intended use.

16. OTHER INFORMATION

This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified below. We have reviewed any information contained herein which we received from sources outside the Kyowa Oil Lubricants. However, no warranty or representation, express or implied is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization given or implied to practise any patented invention without a valid licence. Kyowa Oil Lubricants shall not be responsible for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.