

HEALTH & SAFETY DATA: J.D WINDLES CLOCK OIL

IDENTIFICATION OF SUBSTANCE: Solvent refined mineral oil from paraffinic base stock:

Grade A80B

QUALITIES: Colourless , free of sulfur and aromatic hydrocarbons , odourless & tasteless. Has excellent light stability.

HAZARDS: Not classified as hazardous for supply and is not affected by CHIPS (CHEMICALS HAZARDS INFORMATION PACKAGING) regulations.

PHYSICAL DATA:

Appearance: Clear. Solubility in water: Not miscible.

Viscosity @ 40c : 15. Density @ 15c : 850 Pour Point: -9

FIRE HAZARD: Flash point : 190c Auto ignition: 200c >

Extinguishing media: CO2, Dry powder, Halon, Foam

TOXICOLOGICAL & FIRST AID DATA:

Prolonged contact with skin may cause irritation. Use of barrier cream advised . Clean with soap. May irritate eyes so irrigate with water . Ingestion of large quantities is not advised but drink water and or milk to settle. Mist Inhalation usually non harmful but not advised.

STORAGE & HANDLING: Store in temperate conditions away from sources of heat. Compatible with most common metals, plastics & glass. May soften certain rubbers. Use resistant seals.

SPILLAGE & DISPOSAL: Soak liquid in absorbent material, clean surfaces with detergent to prevent slippage hazard . Dispose in accordance with local regulations.

HEALTH & SAFETY DATA SHEET: J.D WINDLE'S TURRET CLOCK OIL

1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME: J.D WINDLE'S TURRET CLOCK OIL

TYPE: HYSPIN AWS Highly refined Mineral Oil and additives

2) COMPOSITION / INFORMATION ON INGREDIENTS

J.D WINDLE'S TURRET CLOCK OIL has excellent Thermal Stability and inhibits Oxidation and Corrosion. It is a long lasting anti wear oil that is ideal for the protection of Turret Clocks and other such large mechanisms.

3) HAZARDS IDENTIFICATION

This Product is not Classified as Hazardous for supply.

(This product does contain ingredients classified as hazardous, however they are NOT present in sufficient quantities to warrant classifying the product as hazardous. The constituents are listed in EINECS or ELINCS or are exempt).

4) FIRST-AID MEASURES (see also HANDLING / STORAGE)

INGESTION: Do not induce vomiting. Obtain medical attention.

CONTACT WITH EYES: Flush with copious quantities of water for 15 minutes

CONTACT WITH SKIN: Wash with Soap and Water.

INHALATION: Remove from exposure

5) FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : CO2, Dry Powder, Foam, but NEVER WATER.

SPECIAL EXPOSURE HAZARDS: None

SPECIAL PROTECTIVE EQUIPMENT: None

6) ACCIDENTAL RELEASE MEASURES

SPILLAGE: Soak liquid in absorbent material and collect solids in container.

Clean floor with hot water and detergent: to prevent a Slippage Hazard

PRECAUTIONS: Prevent spillage from polluting drains, soil or water courses.

7) HANDLING AND STORAGE

STORAGE: Keep BOTTLES tightly closed and store in normal cool dry conditions. Avoid sources of ignition and heat. (In the unlikely event this oil is used in mechanisms with high pressure systems leakage may result in mist formation so presenting a hazard).

8) EXPOSURE CONTROLS / PERSONAL PROTECTION

Mechanical methods to minimize exposure must take precedence over personal protective measures. To avoid the possibility of skin disorders repeated or prolonged Skin Contact is to be avoided. Wear impervious gloves e.g PVC . For Eye protection use Glasses or Goggles. Wash contaminated clothing before re-use. Maintain a high standard of personal hygiene.

OCCUPATIONAL EXPOSURE LIMITS: 8 hr TWA: 5 mgm-3 STEL: 10MG/M3

9) PHYSICAL AND CHEMICAL PROPERTIES

COLOUR: AMBER CLEAR LIQUID

ODOUR: MILD

FLASHPOINT > 170' C

VISCOSITY@ 40' C 32

SOLUBILITY: Insoluble in Water

10) STABILITY AND REACTIVITY

STABILITY: Stable and not subject to polymerisation.

CONDITIONS TO AVOID: Temperatures above 90' C

REACTIVITY: Reacts with oxidising chemicals

DECOMPOSITION PRODUCTS: None

11) TOXICOLOGICAL INFORMATION

Expected ORAL LD50, RAT > 2g/kg

EFFECT ON SKIN: Unlikely to harm on brief or occasional contact. Repeated and prolonged contact may cause skin disorders

EFFECT ON EYES: Transient irritation

INGESTION: May cause nausea, vomiting and diarrhoea

INHALATION: Mist and vapours may cause irritation to nose and respiratory tract

12) ECOLOGICAL INFORMATION

DEGRADABILITY: Inherrently BIODEGRADABLE. When used and disposed of as intended no adverse environmental effects are foreseen.

ECOTOXICITY: Not expected to be ecotoxic to fish / daphnia / algae
Not expected to be inhibitory to sewage bacteria.

13) DISPOSAL CONSIDERATIONS

Incinerate or Land dump in accordance with local regulations.

14) TRANSPORT INFORMATION

This product is not classified as dangerous for Transport

15) REGULATORY INFORMATION

HAZARD LABEL DATA: This product is not classified as dangerous for supply in the UK.

16) OTHER INFORMATION.

The information contained herein is accurate to the best of our knowledge
No liability can be accepted, arising out of the use, application or processing of this material. It is the users responsibility to determine safe conditions for the use of this product