



OAK INDUSTRIAL SUPPLIES

"THE INDUSTRIAL SUPPLIES PEOPLE"

HAMILTON ROAD SUTTON IN ASHFIELD

NOTTINGHAMSHIRE NG17 5LN

TELEPHONE 01623 442222 FAX 01623 441234

HEALTH & SAFETY DATA SHEET

Identification Of The Substance And Supplier

Product Name: **Oak Hydra 100**

Name Of Supplier: Oak Industrial Supplies
Hamilton Road
Sutton in Ashfield
Nottinghamshire
NG17 5LN

Business Tel No: 01623 442222
Emergency Tel No: 01484 713201

Product Description: Manufactured from selected solvent refined base stocks with fourfold additive treatment.

Composition/Information On Ingredients.

Highly refined mineral oil	80% - 100%
Lubricating Oil Additive	<1%

Hazards Identification.

This material is not to be considered to be especially hazardous to health, but should be handled in accordance with good industrial hygiene and safety practices.

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. Expect 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 vapours causes irritation to the nose or throat, or coughing, remove to fresh air. If persist obtain medical advice.



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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 reurgitation 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.

Fire Fighting Measures:

Use foam, dry powder or water fog. DO NOT USE water jets. Avoid spraying directly into storage containers because of the danger of boil over. FIRES IN CONFINED SPACES SHOULD BE DELT WITH BY TRAINED PERSONNEL WEARING APPROVED BREATHING APPARATUS. Water may be used to cool nearby heat-exposed areas/objects/packages.

Combustion Products: Toxic fumes may be evolved on burning or exposure to heat.

Accidental Release Measures:

Contain and recover using absorbent granules or other suitable inert absorbent material such as sand. 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 slippery. Protect drains from potential spills to minimise contamination. Do not wash product into drains system. In the case of large spills contact the appropriate authorities. In the case of spillage on water prevent the spread of product by the use of suitable barrier equipment. Recover product from the surfaces. Protect environmentally sensitive areas and water supplies.

Handling And Storage.

Handling Precautions:

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

Skin: 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. Wash hands thoroughly after contact. The use of a recommended barrier cream on the hands before commencing work may be helpful in assisting subsequent removal of any product accidentally contaminating the skin. After washing the application of a suitable conditioning cream may help to prevent cracking fissuring or dryness of the skin. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets.



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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 safety immediately after use.

Storage Conditions: Store under cover away from heat and sources of ignition.

Exposure Controls/Personal Protection.

Exposure Limits: Ensure good ventilation. Avoid, as far as reasonably practicable, inhalation of vapour, mists or fumes generated during use. If vapour, mists or fumes are generated, their concentration in the workplace air should be controlled to the lowest reasonably practicable level.

Relevant UK Occupational Exposure limits as published in EH40 are:

Oil mist, mineral (Occupational Exposure Standards)

Long-term exposure limit (8hours TWA) 5 mg m³

Short-term exposure limit (15 minute) 10 mg m³

Protective Clothing: If the operation is such that prolonged or repeated contact may reasonably be anticipated, suitable protective clothing, including gloves of a standard, and a BSI approved full-face visor or chemical goggles as appropriate, should be worn. Change heavily contaminated clothing as soon as reasonably practicable; dry clean, launder and preferably starch before reuse. Wash any contaminated underlying skin with soap and water.

Respiratory Protection: Respiratory protection is unnecessary, provided the concentration of vapour, mists or fumes is adequately controlled. If operations are such that the excessive generation of vapour, mists or fumes may be anticipated, to which operators may unavoidably be exposed, then suitable approved respiratory equipment should be provided.

Physical And Chemical Properties.

Physical State: Liquid

ISO Viscosity Grade: 100

Flash Point (PMC): >200c

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 polymerization 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.



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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 if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhea.

Inhalation: At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May cause irritation to eyes, nose and throat due to exposure to vapour, mists or fumes. May be harmful by inhalation if exposure to Vapour, mists or fumes resulting from thermal decomposition products occurs.

Ecological Information.

Mobility: Spillages may penetrate the soil causing ground water contamination.

Persistence and degradability: This product is inherently biodegradable.

Bioaccumulative potential: There is no evidence to suggest bioaccumulation will occur.

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

Disposal Considerations.

Where possible, arrange for product to be recycled. Dispose of via an authorized person/licensed waste disposal contractor in accordance with local regulations. Dispose of Product and container carefully and responsibly. Do not dispose of near ponds, ditches, down drains or onto soil.

Transport Information.

Not classified as dangerous for transport.

Regulatory Information.

Not classified as hazardous for supply. No statutory label required.

Other Information.

The information relates only to the specific materials designated herewith and may not be valid for this materials when used in conjunction with any other materials or in any other process.