



OAK INDUSTRIAL SUPPLIES

“THE INDUSTRIAL SUPPLIES PEOPLE”

HEALTH & SAFETY DATA SHEET

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DATA SHEET NO 68EC

IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

PRODUCT NAME: MILLERS TRX

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 NAME: Millers TRX

DESCRIPTION: Synthetic base stocks in combination with shear stable viscosity modifiers, high quality extreme pressure additive and selected oil stocks.

COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|--------------------------------|-----------|
| SOLVENT REFINED MINERAL OIL | 30% - 60% |
| SYNTHETIC HYDROCARBON BASE OIL | 20% - 40% |
| VISCOSITY MODIFIER | 10% - 25% |
| ADDITIVE | 5% - 20% |
| ALKYL METHACRYLATE POLYMER | 1% |

HAZARDS IDENTIFICATION

Ingestion: Unlikely to have any effects if small amounts are swallowed; larger amounts may cause nausea and diarrhoea.

Skin Contact: Unlikely to cause irritation on brief or occasional contact; prolonged, repeated and heavy direct contact with skin over a long period of time may lead to de-fatting of the skin, dermatitis oil acne.

Eye Contact: May cause minor irritation if splashed into the eye with short-term redness and stinging.

HAMILTON ROAD SUTTON IN ASHFIELD NOTTINGHAMSHIRE NG17 5LN UK

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Web site: www.oakis.co.uk e-mail: sales@oakis.co.uk

Inhalation: No hazards associated in normal operations. If vapours are generated from heating, exposure may cause irritation to the breathing passages and lungs.

Additional Health Information: Solvent refined mineral oils are unlikely to be hazardous to man in normal use. They have a total polycyclic hydrocarbon (PCA) content well below the level at which carcinogenic effects have been observed in biological testing. In the environment the oils are likely to biodegrade slowly.

FIRST AID MEASURES

EYES: Wash immediately with water for about 5 minutes. Get medical advice if adverse eye effects follow.

SKIN: Wash off immediately with soap and of water. Remove heavily contaminated clothing and launder before reuse. Seek medical advice if irritation develops.

INHALATION: Remove affected person to fresh air. Obtain medical attention if irritation continues.

INGESTION: DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. Wash the mouth out with water. Get medical advice if adverse effects follow.

FIRE FIGHTING MEASURES

FLASH POINT (°C): 75

Extinguisher Media: Use foam, dry powder, or water mist.

DO NOT USE DIRECT WATER JET.

Fires should be tackled only with trained personnel. Breathing apparatus should be worn when tackling fires in confined spaces. Use water mist to keep fire exposed containers cool.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Remove all sources of ignition and ensure sufficient ventilation. Prevent skin and eye contact. The product may damage tarmac and make surfaces slippery.

Environmental Precautions: Do not wash into drainage systems and prevent entry into sewers and waterways. Prevent leakage onto soil.

Methods for cleaning up: Use absorbent material e.g. sand, active clay. Dispose of in accordance with current waste disposal regulations.

STORAGE AND HANDLING

Storage: Keep containers tightly closed and correctly labelled.

Handling: Avoid unnecessary contact. Wash the hands thoroughly after handling. Avoid inhalation of vapours, mists or fumes by provision of local ventilation systems. Do not wear contaminated clothing. Launder before reuse.

EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE CONTROLS:

Long Term: 5mg/m³ (8 hour TWA)

Short Term: 10mg/m³ (15 minute Reference Period)

As with all mineral oil based products keep skin contact to a minimum and ensure good hygiene standards.

PERSONAL PROTECTION:

Skin: If frequent or continuous contact is likely protective clothing such as protective boots or overalls should be worn. Any contaminated clothing should be laundered before reuse.

Hand: If frequent or continuous contact is likely protective gloves (nitrile rubber or neoprene) should be worn.

Eye: If possibility of splashing occurs safety glasses or safety goggles should be worn.

Respiratory: Respiratory protective equipment is not required. Ensure adequate ventilation.

PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT COC°C: 220

VISCOSITY @ 40°C cSt: 108.8

DENSITY AT 15°C: 0.878

STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions.

MATERIALS TO AVOID: Water, oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions

TOXICOLOGICAL INFORMATION

The mineral oils and other components of these oils may be considered not to be essentially toxic in normal handling.

ECOLOGICAL INFORMATION

Can be expected to biodegrade slowly.

DISPOSAL CONSIDERATIONS

Place used and contaminated materials/packaging in suitable containers. Dispose of the controlled waste through a licensed waste contractor.

TRANSPORT INFORMATION

NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF ROAD AND RAILWAY TRANSPORT REGULATIONS.

REGULATORY INFORMATION

CLASSIFICATION/SYMBOL: It is Non Hazardous

OTHER INFORMATION

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

REVISED 21st February 2000