

Material Safety Data Sheet

WHMIS Not Controlled

| SECTION 1 - PRODUCT IDENTIFICATION AND USE | | | | |
|---|--|---|--|--|
| Product Identifier TITAN SUPREME SYNTHETIC 15W50 | | | Product Identification Number (PIN): N.Ap. | |
| Product Use Synthetic multigrade engine oil | | | | |
| Manufacturer's Name: MCS Industries Ltd. | | Supplier's Name: MCS Industries Ltd. | | |
| Street Address: 111 19292 60th Avenue | | Street Address: 111 19292 60th Avenue | | |
| City: Surrey, BC | | City: Surrey, BC | | |
| Postal Code: V3S 3M2 | | Postal Code: V3S 3M2 | | |
| SECTION 2 - HAZARDOUS INGREDIENTS | | | | |
| Hazardous Ingredients | % (wt/wt) | CAS Number | LD50 of Ingredient <i>(specify species & route)</i> | LC50 of Ingredient <i>(specify species & route)</i> |
| Not a controlled product according to WHMIS regulations | | | | |
| SECTION 3 - PHYSICAL DATA | | | | |
| Physical State Liquid | Odour & Appearance Clear, yellow oil with mild odour | | Odour Threshold (ppm) N.Av. | |
| Vapour Pressure <i>(mmHg)</i> N.Av. | Vapour Density <i>(air=1):</i> N.Av. | Evaporation Rate N.Ap. | Boiling Point (°C) >316 | Freezing Point (°C) -36 (pourpoint) |
| pH N.Ap. | Specific Gravity 0.87 @ 15.6°C | | Coeff. Water/Oil Dist.: <1 | |
| SECTION 4 - FIRE & EXPLOSION DATA | | | | |
| Flammability: No If yes, under which conditions: | | | | |
| Means of extinction: Use foam, dry chemical, or water spray | | | | |
| Flashpoint (°C) and Method: 208 (CC) | | Hazardous Combustion Products: Oxides of carbon, smoke and hydrocarbons | | |
| Autoignition Temperature (°C) N.Av. | Upper Flammable Limit (% by volume): N.Av. | Lower Flammable Limit (% by volume): N.Av. | | |
| Explosion Data | Sensitivity to impact: None known | Sensitivity to Static Discharge: None known | | |
| SECTION 5 REACTIVITY DATA | | | | |
| Chemical Stability Yes | If no, under which conditions? | | | |
| Incompatibility with other substances: Yes | If so, which ones? Strong oxidizing agents | | | |
| Reactivity, & under what conditions? None known | | | | |
| Hazardous Decomposition Products? Oxides of carbon. | | | | |

N. Av. = Not Available

N. Ap. = Not Applicable



SECTION 6 - TOXICOLOGICAL PROPERTIES**Route of entry:**

Skin contact (X) Skin Absorption () Eye contact (X) Inhalation () Ingestion ()

Effects of Acute Exposure to Product:

Frequent, prolonged contact may irritate eyes

Effects of Chronic Exposure to Product:

Prolonged, repeated contact with USED gasoline engine oil has caused skin cancer in animals

Exposure Limits:ACGIH-TLV for oil mists (TWA)
5mg/m³ [1mg/m³ in BC]**Irritancy of Product:**

None known

Sensitization to Product:

None known

Carcinogenicity:

None known

Teratogenicity:

None known

Reproductive Toxicity:

None known

Mutagenicity:

None known

Synergistic Products:

None known

SECTION 7 - PREVENTATIVE MEASURES**Personal Protective Equipment****Gloves (specify):**

Rubber/viton if handling

Respirator (specify):

Not normally required

Eye (specify):

CSA approved safety glasses

Footwear (specify): Normal

non-slip industrial footwear

Clothing (specify):

Coveralls are normally sufficient

Other (specify):

N.Ap.

Engineering Controls (specify, eg. ventilation, enclosed process):

Maintain oil mists in air below exposure limit by process design, enclosure, ventilation or local extraction.

Leak and Spill Procedure:

Prevent from entering water system. Mop up, soak up, or contain in a closed vessel.

Waste Disposal: Send to a licensed reclaimer/waste disposal facility, incinerate or landfill to meet federal, provincial/state, and local regulations.**Handling Procedures and Equipment:** Do not handle near open flames, sources of heat or ignition. Keep away from incompatible substances. Do not take internally, avoid contact with skin and eyes.**Storage Requirements:**

Store in a tightly closed container

Special Shipping Requirements

TDG: Not regulated

SECTION 8 - FIRST AID MEASURES**Specific measures:****EYES:** Wash with large amounts of water until irritation subsides. Consult a doctor if irritation persists.**SKIN:** Wash with soap and water. Remove severely contaminated clothing and launder before reuse. Seek medical attention if irritation persists.**INGESTION:** Do not induce vomiting. Call a physician**INHALATION:** Product is not volatile in form supplied. Remove person to fresh air. Administer artificial respiration if breathing has stopped and call for medical assistance.**SECTION 9 - PREPARATION DATE OF MSDS****Prepared by:**

MCS Industries Ltd.

Phone Number:

604-882-8852

Date:

May 7, 2002