

# MATERIAL SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** Mecha-Tool® Motor Oil 20W-50 API SA
- **Recommended Use:** Lubricant for engines requiring non-detergent oil (API SA).
- **Manufacturer / Distributor:** M&J Sunshine corp
- **Emergency Contact Number:** (305) 888 1155

## SECTION 2: HAZARD IDENTIFICATION

### Product Classification:

Not classified as hazardous under GHS.

### Main Hazards:

- **May cause mild skin and eye irritation** with prolonged exposure.
- **Do not ingest;** may cause gastrointestinal discomfort.
- **Do not inhale vapors** in poorly ventilated areas.
- **Spills may create slippery surfaces.**

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

- **Main Substance:** Refined mineral oil (Not classified as hazardous).
- **Additives:** Free from detergents and dispersants.

## SECTION 4: FIRST-AID MEASURES

- **Skin Contact:** Wash with soap and water. Seek medical advice if irritation persists.
- **Eye Contact:** Rinse with plenty of water for at least 15 minutes.
- **Inhalation:** Move to fresh air. Seek medical attention if breathing difficulties occur.
- **Ingestion:** Do not induce vomiting. Rinse mouth with water and seek medical attention immediately.

## SECTION 5: FIRE-FIGHTING MEASURES

- **Flash Point:**  $\geq 220^{\circ}\text{C}$
- **Suitable Extinguishing Agents:** Foam, dry chemical powder,  $\text{CO}_2$ .
- **Specific Hazards:** May produce toxic fumes when burned.
- **Firefighter Protection:** Use self-contained breathing apparatus (SCBA).

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear gloves and safety goggles.
- **Cleanup Methods:** Absorb with inert material (sand, earth, industrial absorbents). Do not discharge into drains.
- **Environmental Precautions:** Prevent spills from entering water bodies and soil.

## SECTION 7: HANDLING AND STORAGE

- **Handling:** Avoid prolonged skin contact. Do not eat, drink, or smoke while handling.
- **Storage:** Keep containers sealed, in a cool, dry, and ventilated place, away from heat sources.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Respiratory Protection:** Not required under normal conditions of use.
- **Skin Protection:** Wear oil-resistant gloves.
- **Eye Protection:** Use safety goggles in case of splash risk.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Oily liquid
Color	Amber
Odor	Characteristic
Viscosity at 40°C (cSt)	140 - 160
Viscosity at 100°C (cSt)	16 - 18
Viscosity Index	≥120
Flash Point (°C)	≥220
Pour Point (°C)	≤-15
Density at 15°C (kg/L)	0.88 - 0.90

## SECTION 10: STABILITY AND REACTIVITY

- **Stability:** Stable under normal storage conditions.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide during combustion.

## SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Low toxicity under normal conditions of use.
- **Irritation:** May cause mild skin or eye irritation with prolonged exposure.

## SECTION 12: ECOLOGICAL INFORMATION

- **Environmental Impact:** Not fully biodegradable.
- **Precautions:** Do not discharge into water bodies or soil.

## SECTION 13: DISPOSAL CONSIDERATIONS

- **Disposal Method:** Dispose of at authorized waste facilities in accordance with local regulations.
- **Do not dispose of in drains or water bodies.**

#### SECTION 14: TRANSPORT INFORMATION

- **UN Classification:** Not regulated as a hazardous material.
- **Precautions:** Transport in sealed containers, protected from impacts and excessive heat.

#### SECTION 15: REGULATORY INFORMATION

- Complies with occupational safety and health regulations.

#### SECTION 16: OTHER INFORMATION

The information presented here is based on current knowledge and is subject to changes. Users should verify local regulations before use.