SAFETY DATA SHEET

Mecha Tool® Synthetic Rotary Screw Air Compressor Oil ISO 46

SECTION 1 - IDENTIFICATION

PRODUCT NAME: Mecha Tool® Synthetic Rotary Screw Air Compressor Oil ISO 46

EMERGENCY TELEPHONE: (305) 888-1155

TRADE OWNER / SUPPLIER: M & J Sunshine Corporation

ADDRESS: 3200 NW 119th Street, Miami, Florida 33167, USA

SYNONYMS / GENERAL NAME: MRS46B; synthetic (polyalphaolefin) air compressor lubricant

RECOMMENDED USE: Compressor lubricant for rotary screw air compressors. For specific application advice see the product technical data sheet or consult the supplier.

RESTRICTIONS ON USE: Do not use in compressors producing breathable air. Consult the supplier when used for purposes other than those specified.

SECTION 2 - HAZARDS IDENTIFICATION

CLASSIFICATION: REPRODUCTIVE TOXICITY - Category 2 (OSHA HCS 29 CFR 1910.1200). PICTOGRAM: GHS08 (health hazard)

SIGNAL WORD: Warning

HAZARD STATEMENTS:

- H361f - Suspected of damaging fertility.

PRECAUTIONARY STATEMENTS:

- P201 / P202 - Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
- P280 - Wear protective gloves, protective clothing and eye/face protection. P308+P313 - IF exposed or concerned: Get medical attention. P405 - Store locked up. P501 - Dispose of contents/container in accordance with local, regional, national and international regulations.

OTHER HAZARDS: Defatting to the skin with repeated or prolonged contact. Not for use in compressors producing breathable air.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. Synthetic lubricant based on polyalphaolefin (PAO) base fluid with proprietary performance additives.

Component	Approx. Concentration
Synthetic base fluid: Dec-1-ene, homopolymer, hydrogenated / Dec-1-ene, oligomers, hydrogenated (polyalphaolefin)	Balance
Proprietary performance additives (oxidation and rust inhibitors, anti-wear, antifoam, demulsifier)	Proprietary
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (CAS 68411-46-1)	≤ 0.3%

SECTION 4 - FIRST AID MEASURES

EYE: Immediately flush eyes with plenty of water for at least 15 minutes, holding the eyelids apart. Check for and remove contact lenses. Get medical attention.

SKIN: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes, then wash with soap and water. Wash clothing before reuse. Get medical advice if irritation or rash occurs.

INGESTION: Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person; if unconscious, place in the recovery position. Get medical attention.

INHALATION: Remove to fresh air. Get medical attention. Notes to physician: treat symptomatically; no specific treatment.

SECTION 5 - FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide (CO2) or water spray (fog).

UNSUITABLE EXTINGUISHING MEDIA: Do not use a water jet.

SPECIFIC HAZARDS: In a fire or if heated, pressure increases and the container may burst. Combustion products may include carbon oxides (CO, CO2). Prevent fire-fighting water from entering drains or waterways.

PROTECTION FOR FIRE-FIGHTERS: Promptly isolate the scene and remove all persons from the vicinity. Wear positive-pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Keep unnecessary and unprotected personnel away; use the personal protective equipment described in Section 8. Avoid breathing vapor or mist and provide adequate ventilation. Floors may be slippery. Stop the leak if without risk. Prevent entry into sewers, waterways, basements, soil or confined areas. Contain and absorb with non-combustible inert material (sand, earth, vermiculite or diatomaceous earth) and place in labeled containers for disposal through a licensed contractor (Section 13). Inform the authorities if the product has caused environmental pollution.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wear the protective equipment in Section 8. Obtain special instructions before use and avoid exposure during pregnancy. Avoid contact with eyes, skin and clothing and avoid breathing vapor or mist. Do not eat, drink or smoke where the product is handled. Wash thoroughly after handling. Empty containers retain residue; do not reuse.

STORAGE: Store locked up in the original, tightly closed container in a cool, dry, well-ventilated place, protected from direct sunlight and away from oxidizing materials, food and drink. Avoid prolonged exposure to elevated temperatures. Reseal opened containers and keep them upright. Do not store in unlabeled containers.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general or local exhaust ventilation to keep airborne mist concentrations low. Eyewash stations and safety showers should be close to the workstation.

EYE / FACE PROTECTION: Safety glasses with side shields.

SKIN PROTECTION: Chemical-resistant gloves (nitrile recommended) when prolonged or repeated contact is likely; protective clothing appropriate to the task. Use chemical-resistant apron and boots where splashing is possible.

RESPIRATORY PROTECTION: Not normally required with adequate ventilation. If ventilation is insufficient, use an air-purifying respirator with oil-resistant (R) or oil-proof (P) particulate filters; add organic-vapor cartridges if vapors are present.

OCCUPATIONAL EXPOSURE LIMITS: No occupational exposure limits have been established for the components.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

The values below are typical and do not constitute a product specification.

Property	Typical Value
Physical state / color	Liquid / Amber, light
Odor	Mild, slight
pH	Not applicable
Kinematic viscosity @ 40°C (104°F)	45 cSt
Kinematic viscosity @ 100°C (212°F)	7.1 cSt (ASTM D445)
Density	< 1 g/cm3 at 15°C (59°F)
Flash point	Closed cup (Pensky-Martens, ASTM D93): > 220°C (> 428°F)
Pour point	-54°C (-65°F)
Vapor pressure (base fluid)	< 0.0041 mm Hg (< 0.00055 kPa) at 20°C (68°F) (ASTM E1194)
Auto-ignition temperature (base fluid)	343 - 369°C (649 - 696°F) (ASTM D2159)
Solubility in water	Insoluble
Volatile organic compounds (VOC)	0.1 g/L

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of storage and use. Hazardous polymerization will not occur.

CONDITIONS TO AVOID: All sources of ignition (sparks, open flame); prolonged exposure to elevated temperatures.

INCOMPATIBLE MATERIALS: Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Not expected under normal conditions of storage and use. Combustion may produce carbon monoxide and carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

SKIN CONTACT: Repeated or prolonged contact may cause irritation, dryness and cracking of the skin (defatting).

EYE CONTACT: No known significant effects or critical hazards.

INGESTION / INHALATION: Not normally a problem at ambient temperature because of low vapor pressure. Inhalation of mists or fumes from thermal decomposition may be harmful. No acute toxicity data available for the mixture.

OTHER: Suspected of damaging fertility (H361f) - avoid exposure during pregnancy. Carcinogenicity, mutagenicity and developmental effects: no known significant effects.

SECTION 12 - ECOLOGICAL INFORMATION

No ecotoxicity testing has been performed on the mixture. Not expected to be rapidly degradable; not expected to bioaccumulate through food chains. Spills may penetrate the soil and contaminate groundwater and may form a film on water surfaces that impairs oxygen transfer. Avoid release to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

Minimize waste. Recycle used oil and packaging where possible; dispose of surplus and non-recyclable product through a licensed waste disposal contractor in accordance with local, regional, national and international regulations. Do not discharge into drains, sewers, soil or waterways. Empty containers retain residue and should be handled with the same precautions as the full product.

SECTION 14 - TRANSPORT INFORMATION

US DOT / TDG / IMDG / IATA: Not regulated as dangerous goods. No UN number, hazard class or packing group assigned. Not an environmental hazard for transport.

SECTION 15 - REGULATORY INFORMATION

US TSCA inventory: all components are active or exempt. SARA 302/304: no listed substances. SARA 311/312: Reproductive toxicity - Category 2. SARA 313: no components at or above reporting thresholds. Massachusetts, New Jersey and Pennsylvania right-to-know lists: no components listed. Not evaluated under California Proposition 65.

SECTION 16 - OTHER INFORMATION

Document control	Information
Revision number	1
Issue / revision date	October 27, 2026
Prepared by	M & J Sunshine Corporation — Technical, Quality and Regulatory
NFPA rating	Health 1 · Flammability 1 · Instability 0

DISCLAIMER: *The information in this Safety Data Sheet is based on the knowledge and data available to M & J Sunshine Corporation as of the issue date and is intended to describe the product for health, safety, and environmental purposes. It is not a quality specification, and no warranty, express or implied, is given. Because conditions of use are beyond the supplier's control, users are responsible for determining safe conditions of use and the product's suitability for their application.*