

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND COMPANY INFORMATION

Product Name: Pneumatic Oil
Product Use: Lubricant
Product Code: 403720
Date of Issue: 01-01-16
Supplier: Royalpak Inc.
Address: 1870 Albion Road. Unit 3
Etobicoke, Ontario . M9W 5T2
Telephone: (416) 746 4226

Emergency Phone: 613-996 6666 (CANUTEC)

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Name	%	C.A.S.#	LC/50, Route,Species	LD/50, Route,Species
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Mixture of severely hydrotreated and hydrocracked base oil (petroleum) and other proprietary, non-hazardous additives. Mixture >2500 mg/m³/4hr Inh. Rat >5000 mg/kg Oral, Rat >2000 mg.kg Dermal, Rabbit

Based on current information, this product does not contain any hazardous ingredients.

SECTION 3 – HAZARDS IDENTIFICATION

Emergency overview: Avoid contact with eyes.

Route of Entry: Eye, Skin, Inhalation, Ingestion

EFFECTS OF ACUTE EXPOSURE:

Eye: contact may cause slight irritation

Skin: Prolonged or repeated contact may cause skin irritation.

Inhalation: No hazards under normal conditions of use. If heated to high temperatures or subjected to mechanical actions which produce vapours or mists, inhalation may cause respiratory tract irritation.

Ingestion: Product may lead to aspiration of the liquid, especially if vomiting occurs. This may result in chemical pneumonitis (inflammation of the lungs) and/or pulmonary edema (an accumulation of fluid in the lungs). May produce a laxative effect.

Signs & Symptoms: Effects of overexposure may include irritation of the respiratory tract, irritation of the digestive tract, diarrhea.

SECTION 4 – FIRST AID MEASURES

Eye contact: If irritation or redness develops from exposure, flush eyes with clean water. If symptoms persist, Seek medical attention.

Skin: First aid is not normally required. However, it is good practice to wash any chemical from the skin.

Inhalation (Breathing): First aid is not normally required. If breathing difficulties develop, move victim away from source of exposure and into fresh air. Seek immediate medical attention.

Ingestion (Swallowing): Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious and vomiting, place on the left side with the head down. If possible, do not leave victim unattended and observe closely for adequacy of breathing. Seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: (deg C, TCC): >138°C/ 280°F

Upper Flammable Limits: Not available.

Lower Flammable Limits: Not available.

Auto Ignition Temperature (°C): Not available.

Hazardous Thermal Decomposition/Combustion Materials (under fire conditions): Not available.

Fire fighting media and instructions: This material may burn, but will not ignite readily.

If container is not properly cooled, it can rupture in the heat of a fire. Dry chemical, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 100°C

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Risk of explosion of the product in the presence of mechanical impact: Not available.

Risk of explosion of the product in the presence of static discharge: Not available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use appropriate personal protective equipment as specified in Section 8.

Environmental Precautions

and Clean Up Procedures: Before attempting clean up, refer to hazard data given above. Ventilate area of leak or spill. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Rinse with water to clean up residue and reduce possible slippery floor hazard.

SECTION 7 – HANDLING AND STORAGE

Flash Point: (deg C, TCC): >138°C/ 280°F

Upper Flammable Limits: Not applicable. **Lower**

Flammable Limits: Not applicable. **Auto Ignition**

Temperature (°C): Not available.

Hazardous Thermal Decomposition/Combustion Materials (under fire conditions): Not available.

SECTION 7 – HANDLING AND STORAGE

Fire fighting media and instructions: This material may burn, but will not ignite readily.

If container is not properly cooled, it can rupture in the heat of a fire.
Dry chemical, carbon dioxide, foam, or water spray is recommended.
Water or foam may cause frothing of materials heated above 100°C

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Store away from incompatible materials. Store in a cool, dry well-ventilated area.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: General ventilation normally adequate to control airborne levels.

Personal Protection: The selection of personal protective equipment varies, depending upon conditions of use. **Eye:** Where direct eye contact may be a problem, use chemical splash goggles to avoid possible contact.

Hands: If prolonged/repeated contact occurs, use impervious (latex rubber) protective gloves.

Skin: No protective equipment is needed under normal use conditions.

Respiratory: Not normally required if good ventilation is maintained.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Exposure Limit - ACGIH
Mixture of severely hydrotreated and hydrocracked base oil (petroleum) and other proprietary, non-hazardous additives	5 mg/m ³ (oil mist) 8hrs TLV-TWA

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odour: Transparent water-white, odourless.

Boiling Point: (deg C): 260-428°C/500-800°F

Specific Gravity: ((H₂O =1)): 0.83

Vapour Pressure: (mm Hg): <1

Freezing/ Melting point: Not available. **Vapour Density (AIR=1):** <1

Evaporation Rate (Water=1): Similar.

Solubility in water: Negligible.

pH (as supplied): 7.0

Odour threshold: Not available.

Physical State: Liquid.

Viscosity: Not available.

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

SECTION 10 – STABILITY AND REACTIVITY

Stability: The product is stable.

Conditions to avoid: Avoid high temperatures and all sources of ignition. **Incompatible Materials:** Reactive with strong oxidizing agents.

Hazardous Decomposition Products: Combustion can yield carbon dioxide, carbon monoxide, and other oxides.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Irritancy of Material: See Section 3 for Potential Health Effects.

Carcinogenic effects: None of the ingredients is listed by IARC, ACGIH, NTP, and OSHA as carcinogen.

Teratogenic effects, Mutagenic effects, Reproductive Effects, Sensitization effects: No data available.

Synergistic materials: Not available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: There is no test data on this product.

Environmental Fate: There is no test data on this product.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

Contaminated Packaging: Empty containers should be recycled or disposed of through an approved waste management facility.

SECTION 14 – TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION: Not regulated.
TDG Proper Shipping Name: -
Class: -
UN Number: -
Packing Group: -
Note: No additional remark.

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

Canadian Domestic Substance List (DSL): All the ingredients are listed.

Additional Information: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required.

SECTION 16 – OTHER INFORMATION

Date: 01-01-12

Prepared by: Technical department

Date of previous issue: 00-00-09

DISCLAIMER: NOTICE
TO READER:

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