

SAFETY DATA SHEET

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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: R&O COMPRESSOR 10			WHMIS: Not controlled
Product Use: Lubricating oil			
Manufacturer's Name: Forsythe Lubrication Associates			
Street Address: 120 Chatham Street			
City: Hamilton	Province: ON	Postal Code: L8P 2B5	Emergency Telephone: 905-525-7192

SECTION 2 – HAZARDS IDENTIFICATION

GHS Classification in accordance with the Hazardous Products Regulations	
Aspiration hazard:	Category 1
GHS Label elements	
Hazard pictograms:	
Signal word:	Danger
Hazard statements:	May be fatal if swallowed and enters airways.
Precautionary Statements – Response	
IF SWALLOWED: Immediately call a POISON CENTER/ doctor. DO NOT induce vomiting.	
Precautionary Statements – Storage	
Store locked up.	
Precautionary Statements – Disposal	
Dispose of contents/container to an approved waste disposal plant.	
Other hazards	
IARC	
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH	
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	



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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	% by wt.	CAS Number
Petroleum oil	> 95.0	Mixture
Nonhazardous additive package	< 5.0	Mixture

SECTION 4 – FIRST AID MEASURES

EYE CONTACT:	Flush with water for 15 minutes. Seek medical attention if irritation develops.
SKIN CONTACT:	Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation develops.
INHALATION:	Remove victim to fresh air. Artificial respiration and/or oxygen may be necessary. Seek medical advice.
INGESTION:	Do not induce vomiting, seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, foam, dry chemical.
UNSUITABLE EXTINGUISHING MEDIA:	No information available.
SPECIFIC HAZARDS DURING FIREFIGHTING:	Use water spray to cool fire exposed containers and as a protective screen.
COMBUSTION PRODUCTS:	Oxides of carbon, nitrogen, undefined organics, aldehydes, and smoke
PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	As in any fire, wear self-contained breathing apparatus (SCBA) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Material can create slippery conditions. Mark the contaminated area with signs and prevent access to unauthorized personnel. Only qualified personnel equipped with suitable protective equipment may intervene.
ENVIRONMENTAL PRECAUTIONS:	If the product contaminates rivers and lakes or drains inform respective authorities.
METHOD FOR CONTAINMENT & CLEAN-UP:	Prevent further leakage or spillage if safe to do so. Remove all sources of ignitions. Absorb with an inert absorbent. Shovel into waste container with non-sparking tools and dispose of in accordance with local, provincial, and federal regulations.



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SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES:	For personal protection, see Section 8. Smoking, eating and drinking should be prohibited in application area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Keep away from heat and sources of ignition. Keep container closed when not in use.
STORAGE PROCEDURES:	Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a cool, dry and well-ventilated place. Keep in properly labelled containers. To maintain product quality, do not store in heat or direct sunlight.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

CONTROL PARAMETERS:				
Component	CAS #	Value type (form of exposure)	Control parameters/ permissible concentration	Basis
Petroleum oil	Mixture	TWA (mist)	5 mg/m ³	CA AB OEL
		STEL (mist)	10 mg/m ³	CA AB OEL
		TWAEV (mist)	5 mg/m ³	CA QC OEL
		STEV (mist)	10 mg/m ³	CA QC OEL
		TWA (inhalable fraction)	5 mg/m ³	ACGIH
ENGINEERING MEASURES:		Use with adequate ventilation and keep airborne concentrations within the recommended limits		
<u>PERSONAL PROTECTIVE EQUIPMENT</u>				
RESPIRATORY PROTECTION:		Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Filter type: <i>organic vapour filter</i>		
HAND PROTECTION:		Neoprene, nitrile, polyvinyl alcohol (PVA), Viton® Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.		
EYE PROTECTION:		Wear face shield and protective suit for abnormal processing problems.		
SKIN & BODY PROTECTION:		Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.		



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PROTECTIVE MEASURES:	Wash hands and face before breaks and immediately after handling the product. Wash contaminated clothing before reuse. Ensure that eyewash station and safety shower are proximal to the work-station location.
HYGIENE MEASURES:	Remove and wash contaminated clothing and gloves, including the inside, before reuse. Wash hands, face, and any exposed skin thoroughly after handling.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	
Colour	Clear amber
Odour	Oil odour
Odour Threshold	Not determined
pH	Not determined
Melting/freezing point (°C)	Not determined
Boiling point/boiling range (°C)	Not determined
Flash point (°C)	120 (COC)
Evaporation Rate	Not available
Flammability Limit in Air	
Upper flammability limit	Not determined
Lower flammability limit	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Specific Gravity	0.8419
Water Solubility	Nil
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature (°C)	Not determined
Kinematic viscosity (cSt)	9-11 @ 40°C
VOC Content (%)	Not determined



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SECTION 10 – STABILITY & REACTIVITY

REACTIVITY	Non-reactive
CHEMICAL STABILITY	Stable under normal temperatures and pressures
HAZARDOUS POLYMERIZATION	Does not occur.
CONDITIONS TO AVOID	No data available.
INCOMPATIBLE MATERIALS	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Smoke, carbon monoxide, aldehydes, and other products of incomplete combustion

SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Likely routes of exposure</u>			
EYE CONTACT			
SKIN CONTACT			
INGESTION			
INHALATION			
Chemical name	Oral LD50 (Rat)	Dermal LD50 (Rabbit)	Inhalation LC50 (Rat)
Petroleum oil	> 5000 mg/kg	> 2000 mg/kg	> 5.2 mg/L, 4 hr
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>			
Sensitization	Non-sensitizer		
Mutagenic Effects	None		
Carcinogenicity	Non-carcinogenic		
Reproductive toxicity	None		
STOT – single exposure	No data available		
STOT – repeated exposure	No data available		

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	Toxicity to fish: <i>No data available</i> Toxicity to daphnia and other aquatic invertebrates: <i>No data available</i> Toxicity to algae: <i>No data available</i> Toxicity to microorganisms: <i>No data available</i>
PERSISTENCE & DEGRADABILITY	Biodegradability: No data available



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BIOACCUMULATION	No data available
OTHER ADVERSE EFFECTS	No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	The product should not be allowed to enter drains, water courses, or the soil. Offer surplus and non-recyclable solutions to a licensed disposal company. Waste must be classified and labelled prior to recycling or disposal. Send to a licensed waste management company. Dispose of product residue in accordance with the instructions of the person responsible for waste disposal.
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SECTION 14 – TRANSPORT INFORMATION

TDG	Not regulated as a dangerous good
IATA	Not regulated as a dangerous good
IMDG/IMO	Not regulated as a dangerous good

SECTION 15 – REGULATORY INFORMATION

The components of this product are reported in the following inventories:

TSCA	All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.
DSL	On the inventory, or in compliance with the inventory.
EINECS	On the inventory, or in compliance with the inventory.
IECSC	On the inventory, or in compliance with the inventory.

SECTION 16 – OTHER INFORMATION

Revision date: APRIL 2019



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