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Material Safety Data Sheet

Kaeser Compressors, Inc.

I. Product Name: **Omega Blower SB** Date Issued/Revised: November 9, 2004
Chemical Family: Synthetic based lubricant
Use: Lubricant and corrosion inhibitor
Manufacturer: Royal Purple, Ltd.
Address: 1 Royal Purple Lane, Porter, Texas 77365 USA
Phone: 281-354-8600 Emergency Phone: 281-354-8600 Fax: 281-354-7600

II. Component:	CAS Number:	Percentage:
• Poly Alpha Olefin	68037-01-4	6 to 65%
• Poly Ester Synthetic	68515-49-1	30 to 35%
• Synthetic Oxidation Inhibitor	68921-45-6	0.5 to 1 %
• Synthetic Corrosion Inhibitor	57855-77-3	0.5 to 1 %
• Synthetic Ashless EP Additive	68511-50-1	1.0 to 5%

This product contains no hazardous substance within the definition of OSHA Regulation 29 CFR 1910.1200.

III. Main Hazards / Health Effects:
Eyes: May cause irritation.
Inhalation: Hydrocarbon mist may line breathing passages with oil making breathing difficult.
Ingestion: May cause diarrhea.
Skin: May irritate the skin after prolonged periods of contact.

IV. First Aid:
Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.
Inhalation: Clear air passage. If respiratory difficulty continues, seek medical help.
Ingestion: Wash out mouth immediately. Do not induce vomiting. Consult physician.
Skin: Wash thoroughly with hand cleanser, followed by soap and water. Contaminated clothing should be dry cleaned before reuse.

V. Extinguishing Media:
Suitable: Foam, dry powder, Halon[®], carbon dioxide, sand, earth and water mist.
Unsuitable: Water jet.
Protective Equipment for Fire Fighting: Self-contained breathing apparatus.

VI. Accidental Release Measures:
Personal Precautions: Wear gloves and protective overalls.
Environmental Precautions: Do not allow it to enter drains.
Spillage: Contain spill and keep from entering waterways. Absorb on porous material. Large quantities can be pumped.

VII. Handling and Storage:
Handling: No special handling precautions necessary.
Storage: Do not store at elevated temperatures.

VIII. Exposure Control / Personal Protection:
Respiratory Protection: Hydrocarbon absorbing respirator if misting.
Hand Protection: Oil-proof gloves for hypersensitive persons.
Eye Protection: Glasses, if applied to parts in motion.
Body Protection: Overalls.

IX.

Physical and Chemical Properties:	Evaporation Rate (Butyl Acetate): Negligible
Physical State: Liquid	Vapor Pressure (kPa): <0 .0 1
Color: Clear	Volatiles: None
Odor: Mild Hydrocarbon	Density (g/cm ³): >0.8 and <1.0
pH: Neutral	Flammability: Not flammable at ambient temp.
Boiling Range / Point °F (°C): >700 (>371)	Oxidizing Properties: None
Pour Point °F (°C): <-40 (<-40)	Water Solubility: Insoluble
Flash Point (COC) °F (°C): >470 (>243)	Vapor Density: Greater than air
Autoignition Temperature °F (°C): >600 (>315)	

X. Stability and Reactivity:

Stability: Chemically stable under normal conditions. No photoreactive agents.

Conditions to Avoid: Powerful sources of ignition and extreme temperatures.

Materials to Avoid: Strong inorganic and organic acids, oxidizing agents.

Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulfur and nitrogen. Residue mainly comprised of soot and mineral oxides.

XI. Toxicological Information:

Acute Toxicity: Not known

Irritancy-Skin: Very mild

Skin Sensitization: Not known

Subacute / Sub-chronic Toxicity: Not known

Genotoxicity: None known

Chronic Toxicity: None known

California Prop 65: N/A

Carcinogen: NTP: No

IARC: No

OSHA: No

EC Classification (67 / 548 / EEC): No

LC-50: >2000mg/l - extrapolated from component data

LD-50: Not applicable

XII. Ecological Information:

Possible Effects: In extreme cases, may generate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely.

Behavior: Relatively well behaved. Bioaccumulation potential nil.

Environmental Fate: Due to its fluid nature and specific gravity, this product will float or spread across water making it a nuisance contaminant. It is not thought to be toxic to marine or land organisms.

XIII. Waste and Container Disposal:

Waste Disposal: Consider recycling. This product, as sold, does not meet the RCRA characteristics of a hazardous waste. Under RCRA, it is the responsibility of the user, at the time of disposal, to determine whether the product meets the RCRA criteria for hazardous waste. Contact a waste disposal company or local authority for advice.

Container Disposal: See waste disposal section listed above.

XIV. Transport Information:

DOT: Nonhazardous

UN No.: N/A

Air Transport (ICAO, IATA): Bulk Nonhazardous

Sea Transport (IMO, IMDG): Bulk Nonhazardous

Road and Rail Transport (ADR / RID): Bulk Nonhazardous:

XV. Regulatory Information:

Labeling Information: None needed

EC Annex 1 Class.: N/A

R Phrases: N/A

SARA 311 / 312: N o n e

S Phrases: S-3 keep cool, S-16 keep away from ignition sources

Ozone Depleting Chemicals: N/A

CERCLA: Nonhazardous

TSCA: All components are listed

WHMIS (Canada): Not regulated

Canadian DSL: All components are listed

40 CFR Part 372 (SARA Section 313): N/ A

RCRA Hazard Class: Nonhazardous

TSCA 12B Components: None

XVI. Other Information:

Signature: _____



Prepared By: **A.L. Gustavsen, Ph.D.**

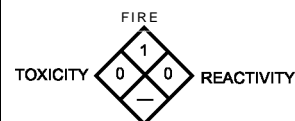
Date Issued/Revised: November 9 2004

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LEGEND

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NFPA SYMBOL



PERSONAL PROTECTION INDEX

HMS SYMBOL

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPI	N/A