

Vacuum Pumps and Systems

Busch, Inc. 516 Viking Drive, Virginia Beach, Virginia 23452



MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Product/Material:	Busch R-560 Vacuum Pump Oil	Emergency Telephone No.
Manufacturer:	Busch, Inc.	Chemtrec: (800) 424-9300
Address:	516 Viking Drive Virginia Beach, VA 23452	Non-emergency Telephone No. Busch, Inc. (757) 463-7800
Trade Name and Synonyms:	R-560 Vacuum Pump Oil Busch Part No. 0831.912.435 (1 qt.) 0831.912.436 (5 gallon)	

SECTION II - COMPOSITION/INGREDIENTS

Chemical Family:	Polyol Ester
Formula:	Proprietary
CAS No.:	Proprietary

SECTION III - HAZARDS IDENTIFICATION

Hazard Statement:	This material has no known hazards under applicable laws. The product contains no known carcinogens. No special warning labels are required under OSHA 29CFR 1910.1200.
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SECTION IV - SAFE HANDLING AND STORAGE

Handling:	Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin, wash exposed area with soap and water. If product enters the eyes, flush with water for 15 minutes and consult a physician. Wash contaminated clothing before reuse.
Storage:	Keep container tightly sealed when not in use.

SECTION V - PHYSICAL DATA

Appearance:	Clear liquid, yellow to light brown tint
Boiling Point:	650°F
Vapor Pressure:	<0.01 mmHg @ 20°C
Specific Gravity (water = 1):	0.94-0.98
Volatiles, Percent by Volume:	0%

Odor: Mild, distinct

Solubility in Water: Insoluble

Evaporation Rate
(butyl acetate=1): Nil

SECTION VI - FIRE AND EXPLOSION HAZARDS

Flash Point
(Cleveland Open Cup): 460-600°F

Flammable Limits: Not established.

Auto-ignition Temperature: No data

HMIS Ratings: Health: 0 Flammability: 1 Reactivity: 0 Personal Protection: B

NFPA Ratings in Air: No data

Extinguishing Media: Dry chemical; CO2 foam; water spray (fog)

Unusual Fire/Explosion Hazards: None

Special Firefighting Techniques: Toxic fumes, gases or vapors may evolve on burning. Firefighters should use NIOSH/MNSA-approved self-contained breathing apparatus. Use water carefully to cool fire-exposed containers. Use water carefully near exposed liquid to avoid frothing and splashing of hot liquid.

SECTION VII - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatible Materials: Strong oxidizers

Conditions to Avoid: Excessive heat

Hazardous Decomposition
Products: Analogous compounds evolve carbon monoxide, carbon dioxide,
and other unidentified chemicals when burned.

SECTION VIII - HEALTH HAZARD DATA

Threshold Limit Value: Not established

Situations to Avoid: Avoid breathing oil mists.

Ingestion: DO NOT INDUCE VOMITING! If conscious, give 2 glasses of water and consult physician. Ingestion may cause nausea and diarrhea.

Inhalation: Product is not toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult physician.

Contact: Upon contact with skin, wash exposed area with soap and water.

SECTION IX - PERSONAL PROTECTION INFORMATION

Respiratory Protection: Use in a well ventilated area.

Ventilation: Local exhaust

Protective Gloves: Not required, but recommended, especially for prolonged exposure.

Eye/Face Protection: Safety glasses or goggles.

SECTION X - SPILL OR LEAK PROCEDURES

In case of Spill: Wear suitable protective equipment, especially goggles. Stop the source of the spill. Dike the spill area. Use absorbent materials to soak up fluid (i.e. sand, sawdust and commercially available materials). Wash the spill area with large amounts of water. Properly dispose of all materials.

SECTION XI - WASTE DISPOSAL METHODS

Methods: Incinerate this product and all associated waste in a licensed facility in accordance with Federal, State and local regulations. This material is not a hazardous waste under RCRA Regulation 40 CFR 261.
