

Vacuum Pumps and Systems

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



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product/Material:	Busch R-568 Flushing 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:	Busch R-568 Flushing Oil	
Chemical Name/Family:	Ester/Diester	
Formula:	Proprietary	
Cas#:	Proprietary	

SECTION II - HAZARD STATEMENT

This product is non-hazardous. The product contains no known carcinogens. No special warning labels are required under OSHA Hazard Communication Standard, 29CFR 1910.1200.

SECTION III - SAFE HANDLING AND STORAGE

Handling:	Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin, wash with soap and water. Flush eyes for 15 minutes and consult physician. Wash contaminated clothing before reuse.
Storage:	Keep container tightly sealed when not in use. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat.

SECTION IV - PHYSICAL DATA

Appearance:	Clear liquid, light brown to amber tint
Odor:	Mild, distinct
Boiling Point:	>700°F
Vapor Pressure:	<0.01 mm HG @ 20°C
Solubility in Water:	Negligible
Specific Gravity (water = 1):	0.965
% Volatiles by Volume:	0%
Evaporation Rate (butyl acetate = 1):	Negligible

SECTION V - FIRE AND EXPLOSION HAZARD INFORMATION

Auto-ignition Temperature:	Not determined.
Flash Point (Method):	444°F (by Cleveland Open Cup)
Flammable Limits	Not determined
Extinguishing Media:	CO ₂ foam, or dry chemical, water fog (see below)
Special Fire Fighting Techniques:	Burning fluid may evolve irritating or noxious fumes, therefore avoid inhalation of smoke or vapors. Firefighters use NIOSH/MNSA-approved self-contained breathing gear. Use water fog to cool fire-exposed containers. Use water carefully near exposed/burning liquids because frothing and splashing of hot material may occur.
HMIS Rating:	Health: 0 Flammability: 1 Reactivity: 0
NFPA Rating:	Not established
Unusual Fire/Explosion Hazards:	None

SECTION VI - REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization:	Will not occur.
Incompatible Materials:	Strong oxidizers, caustic or acidic solutions
Conditions to Avoid:	Excessive heat.
Hazardous Decomposition Products:	Analogous compounds evolve carbon monoxide, carbon dioxide and other unidentified fragments when burned.

SECTION VII - HEALTH HAZARD DATA

Threshold Limit Value:	Not established
Situations to Avoid:	Avoid breathing oil mists
First Aid Procedures:	
Ingestion:	Consult physician at once. May cause nausea and diarrhea.
Inhalation:	Not toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult physician.

To the best of our knowledge, the toxicity of this product has not been fully investigated. Analogous compounds are considered to be essentially nontoxic.

SECTION VIII - PERSONAL PROTECTION INFORMATION

Eye/Face Protection:	Use safety glasses or chemical goggles where splashing may occur
Protective Gloves:	Not required, but recommended, especially for prolonged exposure
Respiratory Protection	No respirator protection required if used in well ventilated area
Ventilation:	Local exhaust

SECTION IX - SPILL OR LEAK PROCEDURES

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

Incinerate this product and all associated wastes in a licensed facility in accordance with Federal, State and local regulations.

The data and recommendations presented herein are based upon data that is considered to be accurate. However, Busch makes no guarantee or warranty, either expressed or implied, of the accuracy or completeness of this data and recommendations.