

Vacuum Pumps and Systems

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



MATERIAL SAFETY DATA SHEET

Revision Date: September 15, 2007

SECTION 1	PRODUCT AND COMPANY IDENTIFICATION
PRODUCT:	Busch VE 101 Vacuum Pump Oil
MANUFACTURER: Busch, Inc. 516 Viking Drive Virginia Beach, VA 23452	TELEPHONE NUMBERS: General information (non-emergency): (757) 463-7800 Emergency only (Chemtrec): (800) 424-9300

SECTION 2	COMPOSITION/INGREDIENTS
INGREDIENTS:	No hazardous ingredients. See Sections 8, 11 and 14 for details.

SECTION 3	HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW:	Appearance & odor: Amber (light) liquid with mild odor. Health hazards: Classified as not hazardous under OSHA regulations in the US, the WHMIS in Canada, the NOM-018-STPS-2000 in Mexico and Brazil NBR 14725:2001. Physical hazards: No specific hazards but use with care and follow good industrial hygiene practice. HMIS rating: Health = 0, Fire = 1, Reactivity = 0, Special = B NFPA rating: Health = 0, Fire = 1, Reactivity = 0
POSSIBLE ROUTES OF ENTRY:	Inhalation, eye contact, dermal contact, ingestion.
INHALATION:	No known significant effects or critical hazards.
EYE CONTACT:	No known significant effects or critical hazards.
SKIN CONTACT:	May be harmful if absorbed through skin.
INGESTION:	No known significant effects or critical hazards.
POTENTIAL CHRONIC HEALTH EFFECTS:	Carcinogenic effects – not applicable Mutagenic effects – not applicable Teratogenic effects – not applicable
For additional Toxicological information, refer to Section 11.	

liquid-proof container for disposal. For large spills, dike the spilled material or otherwise contain the material to ensure runoff does not reach a waterway. Place the spilled material in an appropriate container for disposal.

SECTION 7 HANDLING AND STORAGE

HANDLING:

Avoid prolonged contact with eyes, skin and clothing. Wash thoroughly after handling.

STORAGE:

Keep the container tightly closed. Keep the container in a cool, well-ventilated area.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

Consult local authorities for acceptable exposure limits.

ENGINEERING MEASURES:

No special ventilation required. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

EYE PROTECTION:

Safety glasses with side shields.

SKIN PROTECTION/BODY:

Not applicable.

HAND PROTECTION:

Natural rubber gloves (latex).

RESPIRATORY PROTECTION:

Not applicable.

PERSONAL PROTECTION IN CASE OF LARGE SPILLS:

Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH-approved self-contained breathing apparatus and full protective gear. Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:

Light colored, amber liquid.
Mild odor.

Flash point: >464°F (Cleveland Open Cup)

Specific gravity: 0.96 (Water = 1)

SECTION 10 STABILITY AND REACTIVITY

STABILITY:

Material is stable under normal conditions.

CONDITIONS TO AVOID:

Avoid heat and open flames.

SARA 311/312 MSDS distribution – chemical inventory – hazard identification: No products found.
 Clean Water Act (CWA) 307: No products found.
 Clean Water Act (CWA) 311: No products found.
 Clean Air Act (CAA) 112 accidental release prevention: No products found.
 Clean Air Act (CAA) 112 regulated flammable substances: No products found.
 Clean Air Act (CAA) 112 regulated toxic substances: No products found.

State Regulations:

No products found.
 WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient name	Cancer	Reproductive	No significant Risk	Maximum acceptable dosage level
Diphenylamine	No	Yes	No	No

CANADA:

WHMIS (Canada):

Not controlled under WHMIS (Canada)
 CEPA DSL: All components listed.

This product has been classified in accordance with the hazard criteria of the Canadian CPR, the United States OSHA, the Mexican NOM -018-STPS-2000 and the Brazilian NBR 14725:2001. This MSDS contains all the information required by the CPR, OSHA, the American National Standard Institute (ANSI) Z400.1, NOM -018-STPS-2000 and NBR 14725:2001.

MEXICO CLASSIFICATION:

Health = 0, Fire = 1, Reactivity = 0

Hazard ratings: 4 – Extreme
 3 – Serious
 2 – Moderate
 1 – Slight
 0 - Minimal

INTERNATIONAL LISTS:

This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

SECTION 16

OTHER INFORMATION

This material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance in the ANSI MSDS standard (ANSI Z400.1-2004). We encourage you to take the opportunity to read the MSDS and review the information contained therein. Read and understand Material Safety Data Sheet before handling or disposing of product.

The information contained in the data sheet is based on the data available to us at this time, and is believed to be accurate based upon that. It is not intended to constitute product performance information, and no express or implied warranty of any kind is made with respect to the product, underlying data or the information contained herein. You are urged to obtain data sheets for all products you buy, process, use or distribute, and are encouraged to advise those who may come in contact with such products of the information contained herein.