

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER VAC235G, VAC235Q		PRODUCT IDENTIFICATION NUMBER (PIN) N/A	
PRODUCT USE All purpose vacuum pump oil			
MANUFACTURER'S NAME BVA OILS		SUPPLIER'S NAME Alltemp Products Co. Ltd	
STREET ADDRESS 48845 West Road		STREET ADDRESS 827 Brock Rd. South	
CITY Wixom	PROVINCE Michigan	CITY Pickering	PROVINCE Ontario
POSTAL CODE 48393	EMERGENCY TELEPHONE 1-800-424-9300	POSTAL CODE L1W 3J2	EMERGENCY TELEPHONE NO. N/A

SECTION 2 — HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Severely Hydrotreated Paraffinic Oil	100	Proprietary	>5000 mg/kg (rat)	Not Determined

SECTION 3 — PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Colorless to light straw, odour of Hydrocarbon			ODOUR THRESHOLD (ppm) N/A
VAPOUR PRESSURE (mm Hg) 0.0225mm if Hg@20c	VAPOUR DENSITY (AIR=1) N/A	EVAPORATION RATE N/A	BOILING POINT (°C) N/A	FREEZING POINT (°C) N/A
pH Not Applicable	SPECIFIC GRAVITY (Water=1) 0.875	COEFF. WATER/OIL DIST. Insoluble		

SECTION 4 — FIRE AND EXPLOSION DATA

FLAMMABILITY YES Low Fire Hazard			
MEANS OF EXTINCTION Small Fire: Use dry chemicals, CO2 water spray or foam. Small outdoor fire: May extinguish with a portable fire extinguisher. Large Fire: Use dry chemicals, CO2 water spray or foam. Do not use water jet.			
FLASHPOINT (°C) AND METHOD 166C (330F)	UPPER FLAMMABLE LIMIT (% BY VOLUME) N/A	LOWER FLAMMABLE LIMIT (% BY VOLUME) N/A	
AUTOIGNITION TEMPERATURE (°C) 235C (435F)	HAZARDOUS COMBUSTION PRODUCTS N/A		
EXPLOSION DATA Not Determined	SENSITIVITY TO IMPACT		SENSITIVITY TO STATIC DISCHARGE Not Determined

SECTION 5 — REACTIVITY DATA

CHEMICAL STABILITY YES
INCOMPATIBILITY WITH OTHER SUBSTANCES YES Strong Oxidants such as liquid chlorine, peroxides, concentrated oxygen, sodium hypochlorite, calcium hypochlorite
REACTIVITY, AND UNDER WHAT CONDITIONS: Excessive heat, formation of oil mist.
HAZARDOUS DECOMPOSITION PRODUCTS: Analogous compounds evolve carbon monoxide, carbon dioxide and other unidentified fragments when burned.

PRODUCT

IDENTIFIER VAC235G, VAC235Q

SECTION 6 — TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT

EYE CONTACT

INHALATION

INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Eye Contact: May cause eye irritation. Ingestion: Low toxicity if ingested, has laxative effect. Skin Contact: Minimally irritating.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

Skin Contact: Prolonged exposure to skin may cause chapping, cracking or possible dermatitis. Inhalation: If sprayed or mist may cause chemical pneumonitis

EXPOSURE LIMITS

N/A

IRRITANCY OF PRODUCT

N/A

SENSITIZATION TO PRODUCT

N/A

CARCINOGENICITY

N/A

TERATOGENICITY

N/A

REPRODUCTIVE TOXICITY

N/A

MUTAGENICITY

N/A

SYNERGISTIC PRODUCTS

N/A

SECTION 7 — PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY)

Rubber gloves

RESPIRATOR (SPECIFY)

A self contained breathing apparatus should be used in case of indoor fire.

EYE (SPECIFY)

Splash proof goggles

FOOTWEAR (SPECIFY)

Rubber overshoes

CLOTHING (SPECIFY)

None

OTHER (SPECIFY)

Respiratory and eye protection required for fire fighting personnel.

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.) Local exhaust is recommended

LEAK AND SPILL PROCEDURE

Contain spill immediately with inert material (i.e sand, earth)

WASTE DISPOSAL

Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

HANDLING PROCEDURES AND EQUIPMENT

"Empty" containers retain residue (liquid and/or vapour) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; They may explode and cause death.

STORAGE REQUIREMENTS

Keep container closed and keep away from oxidizing materials. Store in a cool-well ventilated area.

SPECIAL SHIPPING INFORMATION

Ensure that containers are properly secured before moving.

Chemical Name (UN #)	Class	Subclass	Small Means of Containment	Waiver for Consumer Commodities
Severely Hydrotreated Parafinic Oil	N/A	N/A	N/A	N/A

SECTION 8 — FIRST AID MEASURES

SPECIFIC MEASURES

Eye Contact: Flush eyes with copious amounts of warm water for 15 minutes. Consult a physician if eyes inflamed.

Skin Contact: Remove contaminated clothing, launder or dry clean clothes before reuse. Dispose of leather articles.

Inhalation: Evacuate to a safe area with plenty of fresh air. Allow affected person to rest in a well ventilated area then seek medical aid immediately.

Ingestion: Do Not induce vomiting. Consult a physician.

SECTION 9 — PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.)

PHONE NUMBER

DATE

Health and Safety Department

905-831-3311

04/13/07

