Ergon - West Virginia, Inc.
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Material Safety Data Sheet

P-V100N Date of Preparation: October 1, 2009

Section 1 - Chemical Product and Company Identification

Product Name: P-V100N
Chemical Name: Hydrotreated paraffinic distillate, dewaxed
CAS Number: 64742-65-0
Manufacturer: Ergon -- West Virginia, Inc., P.O. Box 356, Newell, WV 26050
Company Contact: Will Poe, Phone 01 (601) 630-8319 (Vicksburg, MS)

EMERGENCY TELEPHONE NUMBERS:
Ergon -- West Virginia, Inc. 01 (304) 387-4343 Normal Business Hours
Chemtrec 01 (800) 424-9300 After Business Hours

Section 2 - Composition / Information on Ingredients

A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50. It produces finished oil with a viscosity near 100 SUS @ 100°F (22 cSt @ 40°C).

Ingredient Name	CAS Number	% vol
Petroleum Distillates, Solvent Dewaxed Heavy Paraffinic	64742-65-0	100

All components in the product have been identified.

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Solvent Dewaxed Heavy Paraffinic Distillate (petroleum)	5 mg/m^3 (oil mist)	none estab.	5 mg/m^3 (oil mist)	none estab.	none estab.	none estab.	none estab.

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

This product is a light amber liquid. It will burn at elevated temperatures (above 390°F). Extinguish fire with carbon dioxide, dry chemical, foam or water fog. Do not point solid water stream directly into burning oil to avoid spreading. Wear full set of protective equipment including chemical goggles and gloves.

HMIS	
H	1
F	1
R	0
PPE†	

†Sec. 8

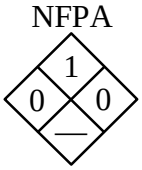
Potential Health Effects

Primary Entry Routes: Skin
Inhalation: Low vapor pressure makes inhalation unlikely at standard temperatures and pressures. Mist or vapors may irritate mucous membranes. Exposure to high concentrations of vapor may cause central nervous system depression.
Eyes: This product may cause irritation to the eyes. Temporary redness or burning may occur.
Skin: Prolonged or repeated contact with skin may cause mild irritation and possibly dermatitis.
Ingestion: Low toxicity. Will have a laxative effect if swallowed.
Carcinogenicity: Based on OSHA 1910.1200 and IARC study requirements, this product does not require labeling. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346. NTP and OSHA do not list this product as a potential carcinogen.
Mutagenicty: This product gives negative mutagenic results from Modified Ames Assay.
Medical Conditions Aggravated by Long-Term Exposure: Personnel with pre-existing skin disorders should avoid contact with this product.

Section 4 - First Aid Measures

Eye Contact: Flush eyes with large amounts of water for 15 minutes. If eye irritation develops or persists get medical help.
Skin Contact: Remove contaminated clothing. Wash affected area with a waterless hand cleaner, and/or soap and water. If irritation persists, consult a physician.
Inhalation: Remove to fresh air. Get medical attention if symptoms persist.
Aspiration: If there is any suspicion of aspiration into the lungs obtain medical advise.
Ingestion: If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.
Notes to Physician: This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

Section 5 - Fire-Fighting Measures



Flash Point: ≥ 395 °F (≥ 202 °C)
Flash Point Method: COC
Burning Rate: Not determined
Autoignition Temperature: : > 600 °F (> 315 °C)
Lower Flammable Limit (LFL): Not determined
Upper Flammable Limit (UFL): Not determined
Flammability Classification: Not determined
Extinguishing Media: Dry chemical, foam, carbon dioxide, water fog. Water may be ineffective in fighting an oil fire unless used by experienced fire fighters.
General Fire Hazards: Fire and explosion hazards are moderate when this product is exposed to heat or flame.
Hazardous Combustion Products: Carbon monoxide and carbon dioxide. Decomposition of this product may yield oxides of sulfur and nitrogen. Decomposition of this product may yield oxides of phosphorus.
Fire-Fighting Equipment/Instructions: Do not point solid water stream directly into burning oil to avoid spreading. Wear full set of protective equipment including chemical goggles and gloves.

Section 6 - Accidental Release Measures

Containment Procedures: Contain the discharge material. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.
Clean-Up Procedures: Absorb with inert absorbent such as dry clay, sand or diatomaceous earth. Scoop up used absorbent into drums. Dispose of spent absorbent in an approved industrial waste landfill. Do not allow the spilled product to enter public drainage system or open water courses. Thoroughly wash the area after a spill or leak clean-up.
Evacuation Procedures: Isolate area. Keep unnecessary personnel away.
Special Instructions: Wear appropriate protective equipment and clothing during clean-up. Surfaces may become slippery after spillage.
Spill to Navigable Waters: If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center

Section 7 - Handling and Storage

Procedures for Handling: Avoid getting this material into contact with your skin and eyes. Avoid the generation of oil mists. Wash hands after handling and before eating. Keep this product from heat, sparks, or open flame.
Recommended Storage Methods: Keep the container tightly closed and in a cool, well-ventilated place. When using this material, do not eat, drink or smoke. Do not store this material in open or unlabeled containers. Store away from strong oxidizers.

Section 8 - Exposure Controls / Personal Protection

Exposure Guidelines:
A. General Product Information - If oil mists are generated, observe the OSHA exposure limit of 5 mg/m3.
B. Component Exposure Limits - No NIOSH or OSHA exposure guidelines listed for the product's components.
Engineering Controls: Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.
Eye / Face Protection: Wear chemical goggles or a full face shield.
Skin Protection: Use impervious gloves for prolonged contact. Wear oil-impervious garments if contact is unavoidable. The use of neoprene gloves is recommended.
Respiratory Protection: If workplace exposure limit is exceeded use NIOSH-approved disposable dust / mist mask breathing apparatus for entry into confined space in the absence of proper environmental control.
General: Use good hygiene when handling petroleum product.

Section 9 - Physical and Chemical Properties

Physical State: Liquid
Appearance: Clear & bright
Color: Pale or light amber
Odor: Hydrocarbon
Odor Threshold: Not available
Vapor Pressure: Not applicable
Vapor Density (Air=1): > 1
Specific Gravity (H_2O=1): 0.86

Water Solubility: Nil
Boiling Point: 700 - 860 °F
Melting Point: Not determined
% Volatile: Nil (LVP-VOC)
Evaporation Rate: < 1 (butyl acetate = 1)
pH: Not determined

Section 10 - Stability and Reactivity

Chemical Stability: Stable
Hazardous Polymerization: Hazard polymerization will not occur.
Chemical Incompatibilities: This product may react with strong oxidizing agents.
Conditions to Avoid (Stability): High temperatures and open flame.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, oxides of sulfur and nitrogen.

Section 11- Toxicological Information

Acute Toxicity / Target Organ Information:

A. General Product / Component Information

Product may be irritating to the skin, eyes, and respiratory system. Repeated skin contact with this product may cause dermatitis or an oil acne. Excessive inhalation of oil mist may cause accumulation of mineral oil in the lungs accompanied by pulmonary fibrosis.

B. Component LD50 / LC50 - No data available for product.

Epidemiology: No data available for product.

Carcinogenicity:

A. General Product / Component Information - No data available on the product as a whole. Prolonged and repeated skin contact with some mildly treated or untreated mineral oils have produced skin cancer in laboratory animals. Note that USED oils tend to contain higher amounts of the cancer-causing aromatics, which have been linked to scrotal and lung cancer in humans.

B. Component Carcinogenicity Listings - None of this product's components are listed by ACGIH, IARC, NIOSH, NTP or OSHA.

Teratogenicity / Reproductive Effects: No data available for the product as a whole.

Neurotoxicity: High vapor / aerosol concentrations (attainable only at elevated temperatures) may cause central nervous system effects such as dizziness, drowsiness or headaches.

Mutagenicity: No data available on this product as a whole.

Other Information: No information available.

Section 12 - Ecological Information

Ecotoxicity: No information is available on ecotoxicity of this product. Keep product out of sewers and waterways.
Environmental Fate: No information is available.

Section 13 - Disposal Considerations

U.S. EPA Waste Number & Descriptions:

A. General Product Information - Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. All waste must be handled in accordance with local, state and federal regulations.
B. Component Waste Numbers - No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions:
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation.

Section 14 - Transport Information

Proper Shipping Name: Not regulated as a hazardous material.
Hazard Class: Not regulated
DOT ID No.: Not regulated
Packing Group: Not regulated
DOT Shipping Label: None required

Additional Shipping Information: Not regulated
International Transportation Regulations: Not regulated as dangerous goods.

Section 15 - Regulatory Information

U.S. Federal Regulatory Information:
A. General Product Information - No additional information.
Component Information - None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4).
EPA/TSCA Inventory: The components of this product are listed under CAS No. 64742-65-0.
State Regulations:
A. General Product Information - No components require labeling under California Proposition 65.
B. Component Information - None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, PA.
Other Regulations:
A. General Product Information - No additional information.
B. Component Information - None of this product's components are listed on the Canadian Controlled Product Ingredient Disclosure List.
Foreign Inventories: The components of this product are listed under the following foreign inventories:
European Union's EINICS No. 265-169-7, Korea's ECL No. KE-12602, Australia's AICS No. 64742-65-0
Canada's DSL No. 64742-65-0.

Section 16 - Other Information

Key / Legend
ACGIH (American Conference of Governmental Industrial Hygienists); ANSI (American National Standards Institute); CAS (Chemical Abstract Service); CERCLA (Comprehensive Environmental Response, Compensation, & Liability Act); CFR (Code of Federal Regulations); COC (Cleveland Open Cup); CPR (Controlled Products Regulations); EINECS (European Inventory of Existing Commercial Chemical Substances); ELINCS (European List of New Chemical Substances); EPA (Environmental Protection Agency); EU (European Union); FDA (Food & Drug Administration-USA); GHS (Global Harmonization System); HCS (Hazard Communication Standard); IARC (International Agency for Research on Cancer); IDLH (Immediately Dangerous to Life or Health); ILO (International Labor Organization); LC_{50} (Lethal Concentration 50% test organisms); LD_{50} (Lethal Dose 50% test organisms); MSDS (Material Safety Data Sheet); MSHA (Mine Safety & Health Administration); NIOSH (National Institute of Occupational Safety & Health); NTP (National Toxicology Program); OSHA (Occupational Safety & Health Administration); PEL (Permissible Exposure Limit) ; PMCC (Pensky Martin Closed Cup); Prop 65 (California Proposition 65); RCRA (Resource Conservation & Recovery Act); SARA (Superfund Amendments & Reauthorization Act); STEL (Short-Term Exposure Limit); TSCA (Toxic Substances Control Act); TOC (Tag Open Cup); TLV (Threshold Limit Value); TWA (Time-Weighted Average); WHMIS (Workplace Hazardous Materials Information System-Canada); ppm (parts per million); mg/m3 (milligrams per cubic meter); N (no); Y (yes)

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Supersedes MSDS Dated:	June 1, 2007	Changed date
	June 1, 2005	Changed date
	July 1, 2003	Changed date
	January 1, 2000	Added WVa phone # Sec 1, clarified product description, color, flash point, additional health effects, acronyms, format source
	October 30, 1998	Revised date

This MSDS complies with OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200 and conforms to ANSI Z 400.1.

Disclaimer: Ergon -- West Virginia, Inc. believes this information is accurate but not all-inclusive in all circumstances. It is the responsibility of the user to determine suitability of the material for their purposes. No warranty, expressed or implied, is given.