



Safety Data Sheet (SDS)

Revision / Review Date: 12/4/15

1. Chemical Product and Company Identification

Product Name:	Hygold P-500 N
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Distillates (petroleum), solvent-dewaxed heavy paraffinic
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	Not available
Product Use:	Process Oil, Metalworking Fluids, Industrial Lubricants, Grease Manufacturing, Hydraulic Oils, Gear Oils, Heavy Duty Engine Oil, Bar & Chain, Carriers & Diluents, Engine Oil.
OSHA Status:	Non Hazardous
CAS No:	64742-65-0

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

2. Hazard(s) Identification

Physical hazards: Not classified.

Health hazards: Not classified.

Environmental hazards: Not classified.

OSHA defined hazards: Not classified.

Hazard symbol:



Signal word: Danger.

Hazard statement:

H304 May be fatal if swallowed and enters airways.
H350 May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H361d Suspected of damaging the unborn child.
H372 Causes damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure causes the hazard).

<u>Prevention:</u>	Not applicable.
<u>Response:</u>	Not applicable.
<u>Storage:</u>	Not applicable.
<u>Disposal:</u>	Not applicable.
<u>Precautionary Statements:</u>	<p>P201 Obtain special instructions before use.</p> <p>P260 Do not breathe dust/fume/gas/mist/vapors/spray.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or contact a doctor.</p> <p>P331 Do NOT induce vomiting.</p> <p>P501 Dispose of contents/container to....in accordance with local/regional /national/international regulations (to be specified).</p>
<u>Most important symptoms/effects, acute and delayed:</u>	Defatting of the skin.
<u>Signs and Symptoms of Exposure:</u>	Not available.
<u>Primary Routes of Entry:</u>	Not available.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	None Known.
<u>Eye Contact:</u>	May be irritating to eyes.
<u>Skin Contact:</u>	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
<u>Ingestion:</u>	May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration.
<u>Inhalation:</u>	May be harmful if inhaled. However, this product does not currently meet the criteria for classification.
<u>NFPA Hazard Ratings:</u>	Health-1, Flammability - 1, Reactivity - 0
<u>HMIS Hazard Ratings:</u>	Health-1, Flammability - 1, Reactivity - 0
<u>HMIS limitation statement:</u>	The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. All of the information contained in the SDS should be consulted to assist with the safe handling of this material.

3. Composition / Information on Ingredients

Weight Percent / Typical	Component Identity	CAS Registry Number
100%	DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC	64742-65-0 6472-56-9

Composition comments:

A complex combination of hydrocarbons obtained by removal of normal paraffin's 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 150 SUS @ 100°F (29 cSt @ 40°C).

4. First Aid Measures

Inhalation:

Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical advice/attention.

Eyes:

Flush thoroughly with water. If irritation occurs, get medical assistance.

Skin:

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.

Ingestion:

Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control center immediately.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Halon. Dry chemicals. Foam. Carbon dioxide (CO₂). Water spray or fog. Do not use water jet as an extinguisher, as this will spread the fire.

Unsuitable Extinguishing Media:

Do not use a solid water stream as it may scatter and spread fire.

Special Fire Fighting Procedures:

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Cool containers exposed to flames with water until well after the fire is out. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Use pressurized air mask if product is involved in a fire.

Hazardous Combustion Products:

None known.

Unusual fire and explosion hazards:

No unusual fire or explosion hazards noted. Flammability Class: Combustible IIIB.

6. Accidental Release Measures

Methods & materials for containment and cleaning up: Never return spills in original containers for re-use. Large Spills: ELIMINATE all ignition sources (no smoking, flares, sparks or

flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth or absorbent material then place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.

Environmental Disposal Information:

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements or confined areas. Avoid discharge to the aquatic environment. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground. If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.

Waste Disposal:

Reclaim or dispose of in accordance with local, state, and federal regulations.

7. Handling and Storage:

Empty Containers:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.

Precautions to be taken in handling:

Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands after handling and before eating. Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

Storage:

Keep away from heat, sparks and open flame. Store in a well ventilated place.

8. Exposure Controls / Personal Protection

Occupational exposure limits:

Occupational exposure limits			
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Material	Type	Value	Form
Parprème 500	PEL	5 mg/m ³	Mist.
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Components	Type	Value	Form
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC (CAS 64742-65-0)	PEL	5 mg/m ³	Mist.
		2000 mg/m ³ 500 ppm	
US. NIOSH: Pocket Guide to Chemical Hazards			
Material	Type	Value	Form
Parprème 500	STEL	10 mg/m ³	Mist.
	TWA	5 mg/m ³	Mist.
Components	Type	Value	Form
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC (CAS 64742-65-0)	STEL	10 mg/m ³	Mist.
	TWA	5 mg/m ³	Mist.
<u>Biological limit values</u>	No biological exposure limits noted for the ingredient(s).		
<u>Appropriate engineering controls:</u>	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined controls occupational exposure limit is not exceeded.		
<u>Respiratory Protection:</u>	Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.		
<u>Ventilation:</u>	Provide adequate ventilation.		
<u>Hand Protection:</u>	Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.		
<u>Eye Protection:</u>	Goggles/face shield are recommended.		
<u>Skin and Body Protection:</u>	Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.		
<u>Thermal hazards:</u>	Not available.		
<u>General hygiene considerations:</u>	Mays observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.		

9. Physical and Chemical Properties

<u>Physical Form:</u>	Liquid (Clear & bright)
<u>Appearance & Odor:</u>	Clear, Pale or Light Amber to Amber/ Hydrocarbon-like.
<u>Specific Gravity:</u>	0.865- 0.889 @ 60 F

<u>Softening Point, R&B:</u>	Not available.
<u>Viscosity:</u>	29 cSt (104 °F (40 °C) ASTM D 445/ ISO 3104)
<u>Relative Density:</u>	0.86 (60 °F (15.56 °C) ASTM D 4052/ ISO 12185)
<u>Solubility in Water:</u>	Insoluble
<u>Flash Point, TAG CC F:</u>	>= 379.0 °F (>= 192.8 °C)
<u>Melting Point:</u>	< 18 °F (< -7.78 °C) ASTM D 5949/ ISO 3016
<u>Percent Volatiles (by weight):</u>	Not available.
<u>Evaporation Rate (Water ~ I):</u>	Not available.
<u>Vapor Pressure (mm Hg):</u>	<1mmHg at 20°C
<u>Vapor Density (Air ~ I):</u>	Not available.
<u>Boiling Point (°F) Initial:</u>	>700 °F (> 371.11 °C) ASTM D 2887/ ISO 3294
<u>Auto ignition Temperature, °C:</u>	> 600 °F (> 315.56 °C) ASTM E 659
<u>Flammable Limits, %(V):</u>	Not available.

10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Material reacts with strong oxidizing agents.
<u>Conditions to Avoid:</u>	Heat, flames and sparks. Avoid temperatures exceeding the flash point.
<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur.
<u>Hazardous Decomposition Products:</u>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological Information

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

<u>Acute toxicity:</u>	Not classified.
<u>Skin corrosion/irritation:</u>	Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer.
<u>Serious eye damage/eye irritation:</u>	Not classified.
<u>Respiratory sensitization:</u>	Not classified.

<u>Skin sensitization:</u>	Not classified.
<u>Germ cell mutagenicity:</u>	Non-mutagenic based on Modified Ames Assay.
<u>Carcinogenicity:</u>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.
<u>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):</u>	Not listed.
<u>Reproductive toxicity:</u>	Contains no ingredient listed as toxic to reproduction.
<u>Specific target organ toxicity-single exposure:</u>	Not classified.
<u>Specific target organ toxicity-repeated exposure:</u>	Not classified.
<u>Aspiration hazard:</u>	Not classified.
<u>Chronic effects:</u>	Prolonged or repeated contact may cause drying, cracking, or irritation of the skin.

12. Ecological Information

<u>Ecotoxicity:</u>	Not expected to be harmful to aquatic organisms.
<u>Persistence and degradability:</u>	Not inherently biodegradable.
<u>Bioaccumulative potential:</u>	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
<u>Mobility in soil:</u>	Not available.
<u>Other adverse effects:</u>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Considerations

<u>Disposal instructions:</u>	When this product as supplied is to be discarded as waste, it does not meet the definition of a RCRA waste under 40 CFR 261. Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.
<u>Hazardous waste code</u>	Not applicable.
<u>Waste from residues / unused products:</u>	Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.

<u>Contaminated packaging:</u>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.
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14. Transport Information

<u>D.O.T. Shipping Name:</u>	Not regulated as dangerous goods.
<u>Air - ICAO (international Civil Aviation Organization):</u>	Not regulated as dangerous goods.
<u>IATA:</u>	Not regulated as dangerous goods.
<u>Sea - IMDG (International Maritime Dangerous Goods):</u>	Not regulated as dangerous goods.
<u>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</u>	Not available.

15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

<u>US federal regulations:</u>	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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<u>CERCLA/SARA Hazardous Substances:</u>	Not applicable.
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<u>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt.D):</u>	Not regulated.
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<u>CERCLA Hazardous Substance List (40 CFR302.4):</u>	Not listed.
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<u>US. OSHA Specifically Regulated Substances (29 CFR1910.1001-1050):</u>	Not listed.
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<u>Superfund Amendments and Reauthorization Act of 1986 (SARA):</u> <u>Hazard categories</u>	Immediate Hazard - No Delayed Hazard – No Fire Hazard - No Pressure Hazard – No Reactivity Hazard – No
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<u>SARA 302 Extremely hazardous substance:</u>	Not listed.
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<u>SARA 311/312 Hazardous chemical:</u>	Yes.
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<u>SARA 313 (TRI reporting):</u>	Not regulated.
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Clean Air Act (CAA) Section 112

Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r)

Accidental Release Prevention (40 CFR 68.130): Not regulated.

Safe Drinking Water Act (SDWA): Not regulated.

California Proposition 65:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US. Massachusetts RTK - Substance List: Not regulated.

US. New Jersey Worker and Community RTK Act: Not regulated.

US. Pennsylvania RTK - Hazardous Substances: Not regulated.

US. Rhode Island RTK: Not regulated.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other Information

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.