

**1. Identification**

**Product identifier** HyGold V175BS

**Other means of identification** None.

**Recommended use** Metalworking Fluids, Industrial Lubricants, Grease Manufacturing, Hydraulic Oils, Gear Oils, Heavy Duty Engine Oil, Bar & Chain, Carriers & Diluents, Engine Oil.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Company:** Ergon, Inc.

**Address:** P.O. Box 1639  
Jackson, MS 39215

**E-mail:** sds@ergon.com

**Emergency Contacts**

**Customer service:** 1-800-222-7122

**CHEMTREC:** 1-800-424-9300 After Business Hours (North America Only)  
1-703-527-3887 After Business Hours (International)

**2. Hazard identification**

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** The substance does not meet the criteria for classification.

**Precautionary statement**

**Prevention** Not applicable.

**Response** Not applicable.

**Storage** Not applicable.

**Disposal** Not applicable.

**Supplemental information** None.

**Other hazards** This substance does not meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII. The substance is not included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties.

**3. Composition/information on ingredients****Substances**

| Chemical name                           | Common name and synonyms | CAS number | %   |
|---|--------------------------|------------|-----|
| Residual oils (petroleum), hydrotreated |                          | 64742-57-0 | 100 |

**Composition comments** Note L - Not classified as a carcinogen. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

**4. First-aid measures**

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

|   |  |
|---|--|
| <b>Skin contact</b>   | 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. |
| <b>Eye contact</b>  | Flush thoroughly with water. If irritation occurs, get medical assistance.   |
| <b>Ingestion</b>  | Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control centre immediately.   |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Defatting of the skin.   |
| <b>Indication of immediate medical attention and special treatment needed</b> | Treat symptomatically.   |
| <b>General information</b>  | Contact physician if discomfort continues.   |

## 5. Fire-fighting measures

|  |  |
|--|--|
| <b>Suitable extinguishing media</b>                                  | Halon. Dry chemicals. Foam. Carbon dioxide (CO <sub>2</sub> ). Water spray or fog. Do not use water jet as an extinguisher, as this will spread the fire.  |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.   |
| <b>Specific hazards arising from the chemical</b>                    | No unusual fire or explosion hazards noted.  |
| <b>Special protective equipment and precautions for firefighters</b> | Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.   |
| <b>Fire fighting equipment/instructions</b>                          | 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 pressurised air mask if product is involved in a fire. |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted. Flammability Class: Combustible IIIB   |

## 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | 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.  |
| <b>Methods and materials for containment and cleaning up</b>               | <p>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 and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p>                         |
| <b>Environmental precautions</b>   | <p>Never return spills in original containers for re-use. For waste disposal, see section 13.</p> <p>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.</p> |

## 7. Handling and storage

|   |  |
|---|--|
| <b>Precautions for safe handling</b>                                | Do not breathe dust/fume/gas/mist/vapours/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. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Keep away from heat, sparks and open flame. Store in a well-ventilated place.  |

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values (TLV)

| Material   | Type | Value   | Form                |
|--|------|---------|---------------------|
| HyGold V175BS  | TWA  | 5 mg/m3 | Inhalable fraction. |
| Components   | Type | Value   | Form                |
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | TWA  | 5 mg/m3 | Inhalable fraction. |

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended

| Material   | Type | Value    | Form  |
|--|------|----------|-------|
| HyGold V175BS  | STEL | 10 mg/m3 | Mist. |
|  | TWA  | 5 mg/m3  | Mist. |
| Components   | Type | Value    | Form  |
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | STEL | 10 mg/m3 | Mist. |
|  | TWA  | 5 mg/m3  | Mist. |

#### Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Material   | Type | Value   | Form  |
|--|------|---------|-------|
| HyGold V175BS  | TWA  | 1 mg/m3 | Mist. |
| Components   | Type | Value   | Form  |
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | TWA  | 1 mg/m3 | Mist. |

#### Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended

| Material   | Type | Value   | Form                |
|--|------|---------|---------------------|
| HyGold V175BS  | TWA  | 5 mg/m3 | Inhalable fraction. |
| Components   | Type | Value   | Form                |
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | TWA  | 5 mg/m3 | Inhalable fraction. |

#### Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191)

| Material   | Type | Value   | Form                |
|--|------|---------|---------------------|
| HyGold V175BS  | TWA  | 5 mg/m3 | Inhalable fraction. |
| Components   | Type | Value   | Form                |
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | TWA  | 5 mg/m3 | Inhalable fraction. |

#### Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended

| Material   | Type | Value   | Form                |
|--|------|---------|---------------------|
| HyGold V175BS  | TWA  | 5 mg/m3 | Inhalable fraction. |
| Components   | Type | Value   | Form                |
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | TWA  | 5 mg/m3 | Inhalable fraction. |

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended**

| Material   | Type | Value   | Form                       |
|--|------|---------|----------------------------|
| HyGold V175BS  | TWA  | 5 mg/m3 | Inhalable dusts and mists. |
| Components   | Type | Value   | Form                       |
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | TWA  | 5 mg/m3 | Inhalable dusts and mists. |

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21), as amended**

| Material   | Type      | Value    |
|--|-----------|----------|
| HyGold V175BS  | 15 minute | 10 mg/m3 |
|  | 8 hour    | 5 mg/m3  |
| Components   | Type      | Value    |
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | 15 minute | 10 mg/m3 |
|  | 8 hour    | 5 mg/m3  |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls** Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Goggles/face shield are recommended.

**Skin protection****Hand protection**

Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves. When prolonged or frequent repeated contact occurs, Nitrile gloves may be suitable. (Breakthrough time of > 240 minutes.) For incidental contact/splash protection Neoprene, PVC gloves may be suitable. Wear suitable gloves tested to EN374.

**Other**

Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.

**Respiratory protection**

Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapours [boiling point >65 °C (149 °F)] meeting EN14387.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Always 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**

|   |                                  |
|---|----------------------------------|
| <b>Physical state</b>   | Liquid.                          |
| <b>Form</b>   | Liquid.                          |
| <b>Colour</b>   | Light Amber to Golden            |
| <b>Odour</b>  | Mild Petroleum Odor              |
| <b>Melting point/freezing point</b>                             | <4.44 °C (<40 °F) ASTM D 5950    |
| <b>Boiling point or initial boiling point and boiling range</b> | >360 °C (>680 °F) ASTM D 7169    |
| <b>Flammability</b>   | Will burn if involved in a fire. |

**Upper/lower flammability or explosive limits**

**Explosive limit - lower (%)** Not available.

|  |  |
|--|--|
| <b>Explosive limit – upper (%)</b>                         | Not available.   |
| <b>Flash point</b>   | ≥282.2 °C (≥540.0 °F) Cleveland open cup ASTM D 92/ ISO 2592 |
| <b>Auto-ignition temperature</b>                           | >315.56 °C (>600 °F) ASTM E 659                              |
| <b>Decomposition temperature</b>                           | Property has not been measured.                              |
| <b>pH</b>  | Property has not been measured.                              |
| <b>Kinematic viscosity</b>                                 | ≥38.1 mm²/s  |
| <b>Kinematic viscosity temperature</b>                     | 37.8 °C (100.04 °F)  |
| <b>Solubility</b>  |  |
| <b>Solubility (water)</b>                                  | Insoluble  |
| <b>Partition coefficient (n-octanol/water) (log value)</b> | Not established.   |
| <b>Vapour pressure</b>                                     | Property has not been measured.                              |
| <b>Density and/or relative density</b>                     |  |
| <b>Relative density</b>                                    | 0.91 (15.56 °C (60 °F) ASTM D 4052)                          |
| <b>Vapour density</b>                                      | >5   |
| <b>Particle characteristics</b>                            |  |
| <b>Particle size</b>                                       | Not applicable, material is a liquid.                        |
| <b>Other information</b>                                   |  |
| <b>Viscosity</b>   | 42.5 cSt (100 °C (212 °F) ASTM D 445/ ISO 3014)              |

## 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.                    |
| <b>Chemical stability</b>                 | Stable.  |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerisation does not occur.   |
| <b>Conditions to avoid</b>                | Heat, flames and sparks. Avoid temperatures exceeding the flash point.   |
| <b>Incompatible materials</b>             | Strong oxidising agents.   |
| <b>Hazardous decomposition products</b>   | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May be harmful if inhaled. However, this product does not currently meet the criteria for classification.                     |
| <b>Skin contact</b> | Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.                               |
| <b>Eye contact</b>  | May be irritating to eyes.  |
| <b>Ingestion</b>    | May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration. |

|   |  |
|---|--|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Exposure may cause temporary irritation, redness, or discomfort. |
|---|--|

### Information on toxicological effects

|                       |                 |
|-----------------------|-----------------|
| <b>Acute toxicity</b> | Not classified. |
|-----------------------|-----------------|

| Components   | Species | Test Results           |
|--|---------|------------------------|
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) |         |                        |
| <b><u>Acute</u></b>                                      |         |                        |
| <b>Dermal</b>  |         |                        |
| LD50   | Rabbit  | > 5000 mg/kg, 24 Hours |

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

**Inhalation**

*Aerosol*

|      |     |                      |
|------|-----|----------------------|
| LC50 | Rat | > 5.53 mg/l, 4 Hours |
|------|-----|----------------------|

**Oral**

|      |     |              |
|------|-----|--------------|
| LD50 | Rat | > 5000 mg/kg |
|------|-----|--------------|

Not available. \* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer.

**Serious eye damage/eye irritation** Not classified.

**Respiratory or skin sensitisation**

**Respiratory sensitisation** Not classified.

**Skin sensitisation** Not classified.

**Germ cell mutagenicity** Non-mutagenic based on Modified Ames Assay.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Note L - Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

**ACGIH Carcinogens**

|  |  |
|--|--|
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | A4 Not classifiable as a human carcinogen. |
|--|--|

**Canada - Manitoba OELs: carcinogenicity**

|  |   |
|--|---|
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | Not classifiable as a human carcinogen. |
|--|---|

**Canada - New Brunswick OELs: Carcinogen category**

|  |  |
|--|--|
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | A4: Not classifiable as a human carcinogen |
|--|--|

**Canada - Quebec OELs: Carcinogen category**

|  |  |
|--|--|
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | Suspected carcinogenic effect in humans. |
|--|--|

**IARC Monographs. Overall Evaluation of Carcinogenicity**

|  |   |
|--|---|
| Residual oils (petroleum), hydrotreated (CAS 64742-57-0) | 3 Not classifiable as to carcinogenicity to humans. |
|--|---|

**Reproductive toxicity** Contains no ingredient listed as toxic to reproduction

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not classified.

**Chronic effects** Prolonged or repeated contact may cause drying, cracking, or irritation.

## 12. Ecological information

**Ecotoxicity** Based on available data, the classification criteria are not met for hazardous to the aquatic environment. Not expected to be harmful to aquatic organisms.

**Persistence and degradability** Not inherently biodegradable.

**Bioaccumulative potential** Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

**Mobility in soil** Not available.

**Other adverse effects** Oil spills are generally hazardous to the environment.

## 13. Disposal considerations

**Disposal instructions** 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.

|  |   |
|--|---|
| <b>Hazardous waste code</b>                  | Not applicable.   |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.   |
| <b>Contaminated packaging</b>                | 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. |

## 14. Transport information

### TDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

**General information** Not regulated as dangerous goods.

## 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

### Canada Controlled Drugs and Substances Act, Schedule I

Not regulated.

### Canada Controlled Drugs and Substances Act, Schedule II

Not regulated.

### Canada Controlled Drugs and Substances Act, Schedule III

Not regulated.

### Canada Controlled Drugs and Substances Act, Schedule IV

Not regulated.

### Canada Controlled Drugs and Substances Act, Schedule V

Not regulated.

### Canada Controlled Drugs and Substances Act, Schedule VI

Not regulated.

### Canada Controlled Drugs and Substances Act, Schedule VII

Not regulated.

### Canada Controlled Drugs and Substances Act, Schedule VIII

Not regulated.

### Export Control List (CEPA 1999, Schedule 3)

Not listed.

### Greenhouse Gases

Not listed.

### Precursor Control Regulations

Not regulated.

### International regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended.

Directive 2012/18/EU on major accident hazards involving dangerous substances:  
Part 2 (Named dangerous substances) - 34. Petroleum products and alternative fuels.

### Stockholm Convention

Not listed.

### Rotterdam Convention

Not listed.

### Kyoto Protocol

Not listed.

### Montreal Protocol

Not listed.

## Basel Convention

Not listed.

## International Inventories

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Industrial Chemicals (AICIS)                   | No                     |
| Canada                      | Domestic Substances List (DSL)   | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| 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)  | No                     |
| New Zealand                 | New Zealand Inventory  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                             | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | No                     |

\*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

**Issue date** 06-January-2026

**Version No.** 01

**References**

- ACGIH
- EPA: AQUIRE database
- NLM: Hazardous Substances Data Base
- US. IARC Monographs on Occupational Exposures to Chemical Agents
- IARC Monographs. Overall Evaluation of Carcinogenicity
- National Toxicology Program (NTP) Report on Carcinogens
- ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
- Chemical Abstracts Service Registry Handbook
- CRC: Handbook of Chemistry and Physics
- ILO Safety Cards
- International Labour Organization
- International Maritime Organization Marine Pollutants List
- NFPA Hazardous Chemical Data Sheets
- NIOSH Pocket Guide
- Registry of Toxic Effects of Chemical Substances (RTECS)
- US DOT Hazardous Materials Regulations

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.