

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance/preparation	HYGOLD V175BS
Use of the substance/preparation	Engine oil base stocks; Blending stocks for metalworking oils; Carriers and diluents; Grease manufacturing; Hydraulic oil base stocks; Industrial lubricants; ATF fluids (type A specification); Lubricants; Metalworking oils for straight cutting oils and solubles
Version #	00
Revision date	08-11-2011
CAS #	64742-57-0
Manufacturer:	Ergon Refining, Inc. 2611 Haining Rd Vicksburg, Mississippi 39181
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US Contact:	Will Poe; (phone) 1.601.630.8319; (e-mail) will.poe@ergon.com
Emergency Phone Numbers:	
Ergon Refining, Inc.:	1.601.638.4960 Normal Business Hours
Chemtrec:	1.800.424.9300 After Business Hours (North America) 1.703.527.3887 (International)

2. HAZARDS IDENTIFICATION

Physical hazards	Not classified as a physical hazard.
Health hazards	Not classified as a health hazard.
Environmental hazards	Not classified as an environmental hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Classification	CAS-No.	%	EC-No. / REACH Registration No.	Notes
RESIDUAL OILS (PETROLEUM), HYDROTREATED		64742-57-0	< 100	265-160-8	

67/548: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.

#: This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

4. FIRST AID MEASURES

Inhalation	Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical advice/attention.
Skin contact	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.
Eye contact	Flush thoroughly with water. If irritation occurs, get medical assistance.
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

Fire fighting equipment/instructions	Cool containers exposed to flames with water until well after the fire is out. Wear suitable protective equipment. Use pressurized air mask if product is involved in a fire.
Suitable extinguishing media	Halon. Dry chemicals. Foam. Carbon dioxide (CO ₂). Water spray or fog.
Unusual fire & explosion hazards	Do not use forced stream as this could cause fire to spread.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions	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.
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Containment procedures	Stop the flow of material, if this is without risk. Contain the discharged material. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.
Methods for cleaning up	Small Liquid Spills: Absorb up with sand or other non-combustible absorbent material. Attempt to reclaim the free product, if this is possible.

7. HANDLING AND STORAGE

Handling	All handling to take place in well-ventilated area. Wash hands after handling and before eating. Shower after work. Remove and wash contaminated clothing promptly.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Belgium

Material	Type	Value	Form
HYGOLD V175BS (64742-57-0)	STEL	10.0000 mg/m3	Mist.
	TWA	5.0000 mg/m3	Mist.

Denmark

Material	Type	Value	Form
HYGOLD V175BS (64742-57-0)	TLV	1.0000 mg/m3	Mist.

Italy

Material	Type	Value	Form
HYGOLD V175BS (64742-57-0)	TWA	5.0000 mg/m3	Inhalable fraction.

Netherlands

Material	Type	Value	Form
HYGOLD V175BS (64742-57-0)	TWA	5.0000 mg/m3	Mist.

Spain

Material	Type	Value	Form
HYGOLD V175BS (64742-57-0)	STEL	10.0000 mg/m3	Mist.
	TWA	5.0000 mg/m3	Mist.

Sweden

Material	Type	Value	Form
HYGOLD V175BS (64742-57-0)	STEL	3.0000 mg/m3	Mist.
	TWA	1.0000 mg/m3	Mist.

Exposure controls	Adequate ventilation should be provided so that exposure limits are not exceeded.
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Occupational exposure controls

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.

Hand protection Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

Eye protection Goggles/face shield are recommended.

Skin and body protection Wear appropriate chemical resistant gloves. Chemical/oil resistant clothing is recommended.

Hygiene measures	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.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clean & bright
Physical state	Liquid.
Form	Liquid.
Color	Light Amber to Golden
Odor	Mild Petroleum Odor

Odor threshold	Not available.
pH	Not available.
Boiling point	> 700 °F (> 371,1 °C)
Flash point	> 540 °F (> 282,2 °C) Cleveland Open Cup
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Relative density	Not available.
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available
Viscosity	900 cSt @ 104 °F (40 °C)
Vapor density	1 - 1 (Air = 1) 1
Evaporation rate	Not available.
Melting point	Not available.
Freezing point	Not available.
Auto-ignition temperature	599 °F (315 °C)
Specific gravity	0,91
VOC	Not available.
Pour point	< 51,8 °F (< 11 °C)
Molecular weight	730

10. STABILITY AND REACTIVITY

Conditions to avoid	Heat, sparks, flames.
Hazardous decomposition products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Stability	Stable under normal temperature conditions.
Hazardous polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity	Not expected to be hazardous by WHMIS criteria.
Carcinogenicity	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.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductivity	Contains no ingredient listed as toxic to reproduction
Epidemiology	No epidemiological data is available for this product.
Further information	This product has no known adverse effect on human health.

12. ECOLOGICAL INFORMATION

Ecotoxicity	This product has no known eco-toxicological effects. Not expected to be harmful to aquatic organisms.
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence / degradability	Not readily degradable.

13. DISPOSAL CONSIDERATIONS

Disposal instructions	Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.
EU wastecodes	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

14. TRANSPORT INFORMATION

ADR

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

General This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

15. REGULATORY INFORMATION

Labeling

Other regulations The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

Water hazard class

VwVws WGK1

16. OTHER INFORMATION

Further information HMIS® is a registered trade and service mark of the NPCA.

Inventory status

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)

Bibliography

Chemical Abstracts Service Registry Handbook
CRC: Handbook of Chemistry and Physics
EFFA. Chemicals and Natural Complex Substances with No Labeling Requirements (European Flavour & Fragrance Association Code of Practice, Attachments 4 and 5)
EFFA. Classification and Labeling of Chemicals and Natural Complex Substances (European Flavour & Fragrance Association Code of Practice, Attachments 1 and 2)
Global Automotive Declarable Substances List (GADSL), Version 1.0
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
Japan. Industrial Safety & Health Law (ISHL) List
Korea. Toxic Chemicals (TCCL Article 10)
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
ACGIH
Korea. Toxic Release Inventory (TRI) Chemicals (TCCL Article 14)
Japan. OELs - ISHL. (Workplace Environment Assessment Standards)
Japan. Ozone Depleting Substances (Enforcement Order of the Law Concerning Protection of the Ozone Layer through Control of Specified Substances, Ordinance No. 308, as amended)
Japan. OELs - JSOH. (Japan Society of Occupational Health: Advisory Opinion on Permissible [Exposure] Limits)
IARC Monographs. Overall Evaluation of Carcinogenicity

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.

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