

Silver Eagle Refining Woods Cross Inc.

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTITY OF MATERIAL

PRODUCT NAME: Heavy Vacuum Gas Oil
SYNONYMS: Petroleum, Partially refined for further processing; heavy

vacuum gas oil
FORMULA: Hydrocarbon Mixture
CAS NUMBER: Complex Hydrocarbon Mixture
CHEMICAL FAMILY: Hydrocarbon
DOT SHIPPING NAME: Gas Oil
DOT SHIPPING NUMBER: Not Hazardous
HAZARDOUS INGREDIENTS: None known

SECTION 2. HAZARD SPECIFICATIONS

KNOWN HAZARDS UNDER 29 CFR 1910.1200

Combustible Liquid

Irritant

TLV: Not Available
PEL: Not Available
NFPA HAZARD SIGNAL:

Health: 0

Stability: 0

Flammability: 1

Special: None

DOT HAZARD CLASS: Combustible Liquid
EPA HAZARD WASTE CLASS: Not Available

SECTION 3. SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES:

EYES: Goggles or face shield

RESPIRATORY: Use chemical absorber type; use oxygen supply to enter storage tank.

GLOVES: Impervious nitrile rubber.

OTHER: None

VENTILATION;

GENERAL MECHANICAL Presently there is no Federal standard for this product Waxy Distillate [Rev.2-Jan. 1,1992] in workroom air, nor has a standard been proposed.

LOCAL EXHAUST: Not Available

Precautions:

HANDLING AND STORAGE: Store large quantities in API above ground storage tanks. Bond and ground during liquid transfer.

OTHER: None

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SECTION 4. EMERGENCY RESPONSE DATA

FIRE;

EXTINGUISHING MEDIA:

SPECIAL PROCEDURES:

UNUSUAL HAZARDS:

EXPOSURE:

FIRST AID MEASURES:

SPILLS:

STEPS TO BE TAKEN:

WASTE DISPOSAL METHOD:

Dry chemical foam or carbon dioxide

Water may be ineffective, but may be

used to cool surrounding equipment.

Combustion products such as carbon monoxide and carbon dioxide.

Skin: irritating; remove contaminated clothing, flush with water; Eyes: flush with water; Ingestion: if swallowed, do not induce vomiting, drink water and milk, contact physician.

Stop discharge; isolate mechanically (sand dikes, etc.) if possible; recover as much of the spilled product as possible by such methods as vacuuming or absorbent materials. Remove unreclaimable materials such as soil to containers for proper disposal. Call fire department and local environmental health office.

Can be incinerated.

SECTION 5. PHYSICAL HAZARD DATA

FLAMMABILITY:

LFL 6.0%

UFL: 13.5%

FLASHPOINT: >350 F METHOD: COC

STABILITY: Stable

CONDITIONS TO AVOID: Open Flame

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon

dioxide can cause asphyxiation

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Not pertinent

INCOMPATIBILITY:

MATERIALS TO AVOID: Strong oxidizing agents

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SECTION 6. HEALTH HAZARD DATA

EFFECTS OF EXPOSURE;

Inhalation of high concentrations may cause headache, nausea, confusion, drowsiness, convulsions, and coma. When ingested, it may cause nausea^ vomiting, and in severe cases, drowsiness progressing to coma; irritation of throat and stomach.

EMERGENCY TREATMENT:

Aspiration: enforced bed rest; administer oxygen; call doctor. Ingestion: do not induce vomiting; call doctor. Eyes and Skin: wash with water; use soap and water on skin.

SECTION 7. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 390 F
VAPOR DENSITY (Air=1): >1
VOLATILE COMPONENTS: 100% Volatile
VAPOR PRESSURE: Not Pertinent
PH: Not Pertinent
SOLUBILITY IN WATER: Insoluble
WILL DISSOLVE IN: Hydrocarbon Solvents
EVAPORATION RATE (Water=1): <1
APPEARANCE: Pale yellow.
ODOR: Characteristic petroleum odor
MATERIAL IS: Semi-solid to solid at room temperature.

SECTION 8. MANUFACTURER DATA

FIRM:

Silver Eagle Refining Woods Cross Inc.

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CONTACT:

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