

## Material Safety Data Sheet

### SECTION 1 IDENTIFICATION

**Product Name: GOLDEN SPECTRO®  
Foam Filter Fluid**

**Manufacturer:**  
**Intercontinental Lubricants Corp./  
Spectro Oils of America**  
993 Federal Road  
Brookfield, CT 06804  
(203) 775-1291 Fax: (203) 775-8720

MSDS Date of Preparation: 11/17/05

### SECTION 2 PRODUCT COMPONENTS

<b>INGREDIENTS</b>	<b>CAS#</b>	<b>WT.%</b>
Light Hydrotreated Petroleum Distillates	64741-66-8	10-20
Heavy Petroleum Distillates	64742-65-0 64742-62-7	40-60
2,2,4 Trimethylpentane	540-84-1	20-40
Non-hazardous Additives	Mixture	1-10

### SECTION 3: HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

This product is a blue liquid with a mild petroleum odor. Combustible liquid (Flash Point 170 °F). May cause mild eye and skin irritation. Accidental ingestion may cause gastrointestinal effects with nausea and diarrhea. Aspiration into the lungs during ingestion or vomiting may cause lung damage.

#### HEALTH HAZARDS:

**INHALATION:** Excessive inhalation of vapors or mists may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness and nausea. Breathing high concentrations of oil mists may cause lipid pneumonia.

**SKIN CONTACT:** Prolonged or repeated contact may cause mild irritation or dryness.

**EYE CONTACT:** May cause mild irritation.

**INGESTION:** Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea. Aspiration into the lungs during ingestion or vomiting may cause lung damage which can be fatal.

**CHRONIC EFFECTS OF OVEREXPOSURE:** Repeated skin contact may cause dermatitis.

**CARCINOGENICITY:** None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Individuals with chronic skin diseases may be at increased risk from exposure to this material.

### SECTION 4 EMERGENCY and FIRST AID PROCEDURES

**EYE CONTACT:** Immediately flush eye with water for at least 15 minutes while lifting the upper and lower lids. Get medical attention.

**SKIN CONTACT:** Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops.

**INHALATION:** Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

**INGESTION:** Do not induce vomiting. Never give anything by mouth to an unconsciousness person. Get immediate medical attention by calling a Poison Control Center or hospital emergency department. If vomiting occurs, keep head below hips to prevent aspiration into the lungs.

### SECTION 5 FIRE and EXPLOSION HAZARD DATA

**FLASH POINT:** 170°F/76°C

**METHOD:** PMCC

**FLAMMABLE LIMITS:** (vol % in air) LEL: 0.9% (hydrotreated light petroleum distillates)  
UEL: 6.3% (hydrotreated light petroleum distillates)

**AUTOIGNITION TEMPERATURE:** 828°F/442°C (hydrotreated light petroleum distillates)

**EXTINGUISHING MEDIA:** Water spray or fog, foam, carbon dioxide, dry chemical.

**SPECIAL FIREFIGHTING PROCEDURES:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray or stream.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustible liquid. May form combustible mixtures at temperatures at or above the flashpoint.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate protective equipment. Remove all sources of ignition. Ventilate area. Collect material for disposal using non-combustible absorbent material and place in an appropriate container. Prevent entry in storm sewers and waterways. Report spill as required by local and federal regulations.

### SECTION 7 HANDLING and STORAGE

Avoid eye and prolonged/repeated skin contact. Avoid breathing vapors and mists. Wash thoroughly after handling. Use with adequate ventilation. Remove oil-soaked clothing and launder before re-use. Discard oil soaked shoes and other items than cannot be laundered.

Protect containers from physical damage. Store in a cool well ventilated area away from heat, sparks, open flames and oxidizers. Protect from direct sunlight.

Empty containers retain product residues. Do not cut, weld, braze, etc. on or near empty containers. Follow all MSDS precautions in handling empty containers.

### SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

#### Exposure Guidelines:

<u>INGREDIENTS</u>	<u>CAS#.</u>	<u>EXPOSURE LIMITS</u>
Light Hydrotreated Petroleum Distillates	64741-66-8	300 ppm TWA Manufacturer
Heavy Petroleum Distillates	64742-65-0 64742-62-7	5 mg/m3 TWA OSHA
2,2,4 Trimethylpentane	540-84-1	300 ppm TWA ACGIH

Non-hazardous Additives

Mixture

500 ppm TWA OSHA PEL

None Established

**RESPIRATORY PROTECTION:** None needed under normal use conditions with adequate ventilation. If the TLV is exceeded use a NIOSH approved respirator with organic vapor cartridges and a particulate pre-filter (R or P series). For higher concentrations (greater than 10 times the TLV) a NIOSH approved supplied air respirator (with escape bottle if required) or self-contained breathing apparatus may be required. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**VENTILATION:** Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

**GLOVES:** Rubber, neoprene or other impervious gloves are recommended where prolonged or repeated skin contact is likely.

**EYE PROTECTION:** Safety glasses or goggles recommended.

**OTHER PROTECTIVE EQUIPMENT:** Impervious apron, boots and other clothing are recommended if needed to avoid prolonged/repeated skin contact. Suitable washing facilities should be available.

## SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

**BOILING POINT (@ 760 mmHg):** >400°F

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.8-0.92

**VAPOR PRESSURE (@ 20 C mm Hg):** Not available

**EVAPORATION RATE:** Not available

**FLASH POINT:** 170°F/76°C PMCC

**APPEARANCE AND ODOR:** Blue liquid, mild petroleum odor.

**MELTING POINT:** Not available

**VOLATILE:** Not available

**(VAPOR DENSITY (AIR=1):** Not available

**COEFFICIENT OF WATER/OIL:** Not available

## SECTION 10 STABILITY and REACTIVITY

**STABILITY:** This material is stable.

**CONDITIONS TO AVOID:** Avoid heat, sparks and open flames.

**INCOMPATIBILITY:** Strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may yield oxides of carbon, fumes and smoke. **HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION 11 TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY VALUES:

Product: Oral rat LD<sub>50</sub> > 5 g/kg  
Skin rabbit LD<sub>50</sub> >2 g/kg

None of the components is listed as a carcinogen or suspect carcinogen by NTP, IARC or OSHA.

None of the components have been found to be mutagenic.

None of the components are known to cause sensitization in animals or humans.

None of the components are known to cause adverse reproductive effects or teratogenic effects in animals or humans.

## SECTION 12: ECOLOGICAL INFORMATION

There is no ecotoxicity data available for this product at this time.

**SECTION 13: DISPOSAL INFORMATION**

**WASTE DISPOSAL METHOD:** Dispose in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORTATION INFORMATION**

**DOT SHIPPING DESCRIPTION:** Not Regulated (Excepted from Hazmat 49CFR173.150)

**DOT HAZARD CLASSIFICATION:** None

**DOT LABELS REQUIRED (49CFR172.101):** None

**UN NUMBER:** None

**SECTION 15: REGULATORY INFORMATION**

**OSHA HAZARD CLASSIFICATION:** Target Organ Effects

**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.

**EPA SARA 311 HAZARD CLASSIFICATION:** Acute health, fire hazard.

**EPA SARA 313:** This product contains the following chemicals that are regulated under SARA Title III, section 313:  
None

**CERCLA Hazardous Substances (Section 103)/RQ:** Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center. The RQ for the product, based on the RQ for 2,2,4 Trimethylpentane (40% maximum) of 1,000 lbs, is 400 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**WHMIS CLASSIFICATION:** Class B3: Combustible liquid, Class D 2 Subdivision B - Toxic material causing other chronic effects.

This product has been classified in accordance with the hazard criteria in the CPR and the MSDS contains all the information required by the CPR.

**TOXIC SUBSTANCES CONTROL ACT:** All of the components of this product are listed on the TSCA inventory.

**CALIFORNIA PROPOSITION 65:** This product contains the following chemicals known to the State of California to cause cancer: naphthalene <5 ppm, ethylbenzene < 35 ppm, benzene <0.2 ppm.

This product contains the following chemicals known to the State of California to cause reproductive toxicity: toluene <0.5 ppm (developmental), benzene <0.2 ppm (male, developmental)

**Canada:** All of the components of this product are listed on the Canadian Domestic Substances List (DSL).

**EEC EINECS:** All of the ingredients are listed on the EINECS inventory.

**SECTION 16: OTHER INFORMATION**

NFPA Rating: Health: 1 Fire: 2 Reactivity: 0