

Material Safety Data Sheet

SECTION 1 IDENTIFICATION

Product Name: SPECTRO Spray and Polish

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: 7/12/07

SECTION 2 PRODUCT COMPONENTS

<u>INGREDIENTS</u>	<u>CAS#</u>	<u>EXPOSURE LIMITS</u>
Aliphatic Petroleum Distillates	8052-41-3	100 ppm TWA ACGIH TLV
	64742-47-8	500 ppm TWA OSHA PEL
Hydrotreated Petroleum Oil	64742-89-8	5 mg/m ³ (as oil mist) TWA ACGIH TLV/OSHA PEL
1,1-Difluoroethane	75-37-6	None Established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product is a opaque, white to cream colored emulsion with a piña colada odor. May cause eye irritation. Breathing vapors may cause respiratory irritation and central nervous system effects including headache, dizziness, nausea, confusion and coma. Accidental ingestion may cause gastrointestinal effects with irritation, nausea, vomiting, dizziness, coma and death. 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, nausea, dizziness, drowsiness, weakness, confusion, unconsciousness and coma.

SKIN CONTACT: May cause drying, defatting, and dermatitis on prolonged or repeated contact.

EYE CONTACT: May cause moderate irritation.

INGESTION: Unlikely due to aerosol container. Swallowing may cause gastrointestinal disturbances including abdominal pain, belching, nausea, vomiting, dizziness, drowsiness, coma or death. May cause central nervous system depression with unsteady gait and sedation. Aspiration into the lungs may occur during ingestion or vomiting may cause lung damage.

CHRONIC EFFECTS OF OVEREXPOSURE: Intentional misuse by deliberately concentrating and inhaling the product may be harmful or fatal. Excessive inhalation of propellant may cause elevated carboxyhemoglobin levels as well as lung and central nervous system effects.

CARCINOGENICITY: None of the components of this product are considered a carcinogen by IARC, NTP or OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with eye, skin or respiratory tract conditions 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: Remove contaminated clothing and launder before reuse. Wash thoroughly with soap and water. 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: Unlikely due to aerosol container. Do not induce vomiting. Rinse mouth out with water. Get immediate medical attention by calling a Poison Control Center or hospital emergency department.

SECTION 5 FIRE and EXPLOSION HAZARD DATA

FLAMMABILITY: Extinguishes flame: Not classified as flammable.

METHOD: Aerosol Flame Projection

FLAMMABLE LIMITS: (vol % in air) LEL: Not determined UEL: Not determined

AUTOIGNITION TEMPERATURE: Not determined

AEROSOL PROTECTION LEVEL (NFPA 30B): 1

EXTINGUISHING MEDIA: Water spray, mist, carbon dioxide, dry chemical, foam or fog. Cool fire exposed containers with water.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Use shielding to protect against bursting cans.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Keep away from heat and open flames. Do not expose the containers to temperatures above 120°F as this may cause the can to rupture.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective equipment. Eliminate all source of ignition. Ventilate area. Collect liquid material for disposal using non-combustible absorbent material and place in a suitable container. Allow propellant to dissipate.

SECTION 7 HANDLING and STORAGE

Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Use with adequate ventilation. Wash thoroughly after handling. Remove contaminated clothing and launder before re-use. Shake can well before use. Avoid overspray on floors and other surfaces – this product will make surfaces slippery.

Protect containers from physical damage. Store in a cool, well ventilated area at temperatures below 120°F. Store away from direct sunlight. Do not puncture or incinerate containers.

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

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, explosion-proof mechanical ventilation such as local exhaust may be required.

GLOVES: Neoprene or other impervious gloves are recommended where prolonged or repeated skin contact is likely.

EYE PROTECTION: Safety glasses or goggles recommended if needed to avoid eye contact.

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): N/A

SPECIFIC GRAVITY (H₂O=1): Concentrate Only: 0.938

PRESSURE: max 60 psig

EVAPORATION RATE (Butyl Acetate =1): Not determined

APPEARANCE AND ODOR: Opaque, whit to cream colored emulsion with a piña colada odor.

MELTING POINT: Not available

VOCs: 15% by weight

(VAPOR DENSITY (AIR=1): Not determined

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. Avoid exposure to temperatures above 120°F.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon monoxide and carbon dioxide, hydrofluoric acid, and carbonyl fluoride.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY VALUES:

Aliphatic Petroleum Distillates:
1,1-Difluoroethane

LD50 Oral rat: >5 g/kg
Inhalation mouse LC50: 977,000 mg/m³

None of the components has been found to cause cancer by IARC, NTP or OSHA.

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

None of the components have been found to cause adverse reproductive effects.

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 federal, state and local regulations. Do not incinerate containers.

SECTION 14: TRANSPORTATION INFORMATION

DOT SHIPPING DESCRIPTION: Consumer Commodity, ORM-D

DOT HAZARD CLASSIFICATION: ORM-D

DOT LABELS REQUIRED (49CFR172.101): None

UN NUMBER: None

SECTION 15: REGULATORY INFORMATION

OSHA HAZARD CLASSIFICATION: Pressure hazard, irritant.

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

EPA SARA 311 HAZARD CLASSIFICATION: Acute health, fire hazard, sudden pressure release.

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: Oil spills are subject to reporting to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

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

EU CLASSIFICATION: Not classified as a dangerous preparation.

EU RISK AND SAFETY PHRASES: Aerosol labeling required.

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

CALIFORNIA PROPOSITION 65: This product does not contain any ingredients which are known to the State of California to cause cancer.

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.

Australia: All of the ingredients of this product are listed on the AICS inventory.

China: All of the ingredients of this product are listed on the IECSC inventory.

Philippines: All of the ingredients of this product are listed on the PICCS inventory.

Korea: All of the ingredients of this product are listed on the KECL inventory.

Japan: One or more of the components of this product are not listed on the MITI inventory.

SECTION 16: OTHER INFORMATION

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