



## Safety Data Sheet

### SECTION 1: IDENTIFICATION

**Product Name:** SPECTRO® Suspension Cleaner

**Product Code:** SC

**Product Use:** Motorcycle Parts Cleaner

**Restrictions on Use:** Use only as directed

**Manufacturer:**

Intercontinental Lubricants Corp. / Spectro Oils of America

993 Federal Road

Brookfield, CT 06804

(203) 775-1291 Fax: (203) 775-8720

**SDS Date of Preparation:** 10/27/15

### SECTION 2: HAZARDS IDENTIFICATION

**Classification:**

Physical	Health
Flammable Aerosol Category 2 Gases under Pressure – Compressed Gas	Aspiration Toxicity Category 1 Skin Irritation Category 2 Specific Target Organ Toxicity Single Exposure Category 3 (CNS)

**Label Elements:**



**Danger!**

Flammable aerosol.  
Contains gas under pressure; may explode if heated.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause drowsiness or dizziness.

**Precautionary Phrases:**

Keep away from heat, sparks, open flames or hot surfaces. No smoking.  
Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
Avoid breathing mist, vapors or spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
Do NOT induce vomiting.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation occurs: Get medical attention.  
Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER or doctor if you feel unwell.  
Store in a well-ventilated place. Keep container tightly closed.  
Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122 F.  
Dispose of contents and container in accordance with local and national regulations.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Heptane, branched, cyclic and linear	426260-76-6	60-100%
Isopropyl Alcohol (Isopropanol)	67-63-0	1-5%
Carbon Dioxide	124-38-9	1-5%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Flush eyes thoroughly with water. If irritation develops, 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 is difficult or other symptoms develop, get medical attention.

**Ingestion:** Unlikely due to aerosol container. Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious or drowsy person. Get immediate medical attention.

**Most important symptoms/effects, acute and delayed:** May cause eye irritation. Causes skin irritation. Excessive inhalation of vapor or mists may cause central nervous system effects. Aspiration during swallowing or vomiting may cause lung damage.

**Indication of immediate medical attention and special treatment, if necessary:** If swallowed, get immediate medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Water fog, alcohol foam, dry chemical or carbon dioxide. Cool fire exposed containers with water.

**Specific hazards arising from the chemical:** Contents under pressure. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Extremely flammable aerosol. Vapors can cause a flash fire. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. A vapor and air mixture can create an explosion hazard in confined spaces. Combustion may produce carbon monoxide and carbon dioxide.

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Use shielding to protect against bursting cans.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Wear appropriate protective clothing as described in Section 8. Eliminate all sources of ignition and ventilate area.

**Environmental hazards:** Report spill as required by local and federal regulations.

**Methods and materials for containment and cleaning up:** Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for flammable waste. Clean spill area thoroughly.

## SECTION 7 HANDLING and STORAGE

**Precautions for safe handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Use only with adequate ventilation. Wash thoroughly after handling. Remove contaminated clothing and launder before re-use. Keep away from heat, sparks and flames. No smoking in use or storage area.

**Conditions for safe storage, including any incompatibilities:** 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, crush or incinerate containers, even when empty.

**Aerosol Protection Level (NFPA 30B):** Level 3

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines:

CHEMICAL	EXPOSURE LIMITS
Heptane, branched, cyclic and linear	500 ppm TWA OSHA PEL 400 ppm TWA, 500 ppm STEL ACGIH TLV
Isopropyl Alcohol (Isopropanol)	400 ppm TWA OSHA PEL 200 ppm TWA, 400 ppm STEL ACGIH TLV
Carbon Dioxide	5,000 ppm TWA OSHA PEL 5,000 ppm TWA, 30,000 ppm STEL ACGIH TLV

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

**Respiratory protection:** None needed under normal use conditions with adequate ventilation. If exposures are excessive, use a NIOSH approved respirator with organic vapor cartridges. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Skin protection:** Nitrile rubber or other impervious gloves are recommended where skin contact is likely.

**EYE PROTECTION:** Safety goggles recommended if contact is possible.

**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

**APPEARANCE AND ODOR:** Clear, colorless liquid, hydrocarbon odor.

<b>Odor threshold:</b> 43 ppm (isopropanol) 230 ppm (heptane)	<b>pH:</b> Not available
<b>Melting point/Pourpoint:</b> Not available	<b>Boiling Point:</b>
<b>Flash point:</b> 17.6°F/ -8°C	<b>Viscosity:</b> <14 cSt @ 40°C
<b>Flammability (solid, gas):</b> Not applicable	
<b>Flammable limits: LEL:</b> 2.0%	<b>UEL:</b> 12.7%
<b>Vapor pressure:</b> Not available	<b>Vapor density (air =1):</b> >1
<b>Relative density:</b> 0.7	<b>Solubility(ies):</b> Negligible

<b>Partition coefficient: n-octanol/water:</b> Not available	<b>Auto-ignition temperature:</b> 750.2°F (399°C)
<b>Decomposition temperature:</b> Not available	<b>Evaporation rate:</b> Not available

### SECTION 10 STABILITY and REACTIVITY

**Reactivity:** This product is not expected to react.

**Chemical stability:** The product is stable.

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** Avoid heat, sparks and open flames. Avoid exposure to temperatures above 120°F.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** Thermal decomposition may yield carbon monoxide and carbon dioxide.

### SECTION 11 TOXICOLOGICAL INFORMATION

#### Health Hazards:

**Inhalation:** Excessive inhalation of vapors or mists may cause respiratory tract irritation and central nervous system effects including headache, nausea, dizziness, drowsiness, weakness, confusion, narcosis, unconsciousness and coma.

**Skin Contact:** Skin contact may dry and irritate skin. Prolonged skin contact may cause defatting of the skin and dermatitis.

**Eye Contact:** Vapors and mists may cause irritation with redness and pain.

**Ingestion:** Unlikely due to aerosol container, however 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 which may be fatal.

**Chronic Effects of Overexposure:** Reports has associated repeated and prolonged occupational exposure to various organic solvents with internal organ, brain and nervous system damage. Prolonged or repeated contact with this product may possibly lead to irritation or dermatitis. Intentional misuse by deliberately concentrating and inhaling the product may be harmful or fatal. The use of alcoholic beverages may increase toxic effects.

**Sensitization:** None of the components have been found to cause sensitization in animals or humans.

**Mutagenicity:** This product is not expected to cause mutagenic activity.

**Reproductive Toxicity:** None of the components have been shown to cause reproductive or developmental toxicity.

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

#### Acute Toxicity Values:

Heptane, branched, cyclic and linear: Oral rat LD50 >5000 mg/kg; Inhalation rat LC50 29.29 mg/L/4 hr; Dermal rabbit LD50 >2000 mg/kg (structurally similar chemical)

Isopropanol: Oral rat LD50 5840 mg/kg, Dermal rabbit LD50 13120 mg/kg, Inhalation rat LC50 12.289 mg/L/6 hr

Carbon Dioxide: No toxicity data available

### SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity:

Heptane, branched, cyclic and linear: 96 hr LL50 *Oncorhynchus mykiss* 5.738 mg/L; 48 hr EC50 *daphnia magna* 1.5 mg/L

Isopropanol: 96 hr LC50 *Pimephales promelas* 10000 mg/L; 24 hr EC50 *daphnia magna* > 10000 mg/L

Carbon dioxide: Not data available

**Persistence and degradability:** Heptane is readily biodegradable (>60% in 28 days). Isopropanol is readily biodegradable (78% in 20 days).

**Bioaccumulative potential:** Heptane has a calculated BCF of 2000 which suggests the potential for bioaccumulation is high. Isopropanol has a calculated BCF of 3 which suggests the potential for bioaccumulation is low.

**Mobility in soil:** Heptane is immobile in soil. Isopropanol is highly mobile in soil.

**Other adverse effects:** None known.

**SECTION 13: DISPOSAL INFORMATION**

**Waste Disposal Method:** This product is RCRA Hazardous Waste (Ignitable) if discarded in the purchased form. Dispose in accordance with federal, state and local regulations. Do not incinerate containers. Dispose in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORTATION INFORMATION**

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
<b>DOT</b>	UN1950	Aerosols, Limited Quantity	2.1	NA	No
<b>TDG</b>	UN1950	Aerosols, Limited Quantity	2.1	NA	No
<b>IMDG</b>	UN1950	Aerosols, Limited Quantity	2.1	NA	No

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Special precautions:** None known.

**SECTION 15: REGULATORY INFORMATION**

**Safety, health, and environmental regulations specific for the product in question.**

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

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

**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:** This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**California Proposition 65:** This product contains the following chemicals known to the State of California to cause cancer or reproductive harm: None

**Toxic Substances Control Act:** All of the components of this product are listed on the TSCA inventory.

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

**Philippines:** All of the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances List.

**Taiwan:** All of the components of this product are listed on the new and Existing Chemical Inventory of Taiwan.

**SECTION 16: OTHER INFORMATION**

NFPA Rating: Health: 2 Fire: 4 Instability: 0

Revision Summary:  
10/27/15: Converted to GHS format. All section revised

SDS# 2112-B  
Product Code: SC  
Date of Preparation: 10/27/15