



SDS# 2027-C
Product Code: IBA
Date of Preparation: 12/7/15

Safety Data Sheet

SECTION 1 IDENTIFICATION

Product Name: IBA Synthetic Lubricant

Product Code: IBA

Product Use: Lubricant

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: 2/25/16

SECTION 2: HAZARDS IDENTIFICATION

Classification:

Physical	Health
Not Hazardous	Not Hazardous

Label Elements:

Not required

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Synthetic Base Oils	Proprietary	80-100%

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

SECTION 4 EMERGENCY and FIRST AID PROCEDURES

Eye Contact: Flush eyes with water for several minutes. Get medical attention if irritation persists.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops or persists.

Inhalation: Remove victim to fresh air. Get medical attention if symptoms develop.

Ingestion: Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if symptoms develop.

Most important symptoms/effects, acute and delayed: May cause slight eye irritation. Prolonged skin contact may cause irritation. Excessive inhalation of vapor or mists may cause upper respiratory tract irritation and central nervous system effects. Swallowing may cause nausea, vomiting and diarrhea.

Indication of immediate medical attention and special treatment, if necessary: None required under normal conditions of use.

SECTION 5 FIRE and EXPLOSION HAZARD DATA

Suitable extinguishing media: Water fog, foam, carbon dioxide, dry chemical.

Specific hazards arising from the chemical: Not classified as a combustible liquid but will burn under fire conditions. At elevated temperatures containers may rupture. Use of large amounts of water may cause product to float and spread fire.

Special protective equipment and precautions for fire-fighters: Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray or stream.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective equipment. Wash thoroughly after handling.

Environmental hazards: Avoid release into the environment. Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: Dike spill and collect into closable containers for disposal with an inert absorbent. Prevent entry in storm sewers and waterways.

SECTION 7 HANDLING and STORAGE

Precautions for safe handling: Avoid contact with eyes and prolonged or repeated contact with skin and clothing. Avoid breathing vapors and mists. Wash thoroughly after handling. Remove oil-soaked clothing and launder before re-use.

Conditions for safe storage, including any incompatibilities: Store in a cool area away from oxidizing agents. Protect containers from physical damage.

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

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure Guidelines:

INGREDIENTS

Synthetic Base Oils*

EXPOSURE LIMITS

5 mg/m³ TWA Manufacturer

Appropriate engineering controls: 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.

Respiratory protection: None needed under normal use conditions with adequate ventilation. If exposures are excessive, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. 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: Rubber, neoprene or other impervious gloves are recommended where prolonged or repeated skin contact is likely.

Eye protection: Safety glasses or goggles if splashing is possible.

Other: 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 (physical state, color, etc.): Clear liquid

Odor: Mild petroleum odor

Odor threshold: Not available	pH: Not available
Melting point/Pourpoint: Not available	Boiling Point: Not available
Flash point: >464°F / >240°C COC	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	
Flammable limits, LEL: Not applicable	UEL: Not applicable
Vapor pressure: Not available	Vapor density: Not available
Relative density: 0.869	Solubility(ies): Negligible in water
Partition coefficient: n-ctanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: >20 cSt @ 40°C

SECTION 10 STABILITY and REACTIVITY

Reactivity: This product is not expected to react under normal use and storage conditions.

Chemical stability: The product is stable.

Possibility of hazardous reactions: May react with oxidizers to generate heat.

Conditions to avoid: Avoid excessive heat.

Incompatible materials: Avoid strong oxidizing agents.

Hazardous decomposition products: Thermal decomposition may yield carbon monoxide, carbon dioxide and hydrocarbon fragments.

SECTION 11 TOXICOLOGICAL INFORMATION

Health Hazards:

Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation.

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, vomiting, and diarrhea.

Chronic Effects of Overexposure: No adverse chronic effects are expected.

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

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

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

Acute Toxicity Values:

Synthetic Base Oils: Oral rat LD50 >5000 mg/kg; Dermal rabbit LD50 >2000 mg/kg:

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Product: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available.

Mobility in soil: The product may float and can migrate from water to land.

Other adverse effects: This product is not expected to be harmful to aquatic life.

SECTION 13: DISPOSAL INFORMATION

Waste Disposal Method: 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
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

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.

CERCLA: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 311 Hazard Classification: Not Hazardous.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

California Proposition 65: This product contains the following chemicals which are known to the State of California to cause cancer or reproductive toxicity: None

International Chemical Inventories

Australia AICS: All of the components are listed on the Australian Inventory of Chemical Substances.

Canada DSL: All of the components are listed on the Canadian Domestic Substances List.

China: All the components are listed on Inventory of Existing Chemical Substances in China.

Japan: All the components are listed in the Japanese Existing and New Chemical Substances Inventory.

Korea: All the components are listed on the Korean Existing Chemical List.

Philippines: All the components are listed on the Philippine Inventory of Chemical and Chemical Substances inventory.

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

SECTION 16: OTHER INFORMATION

Revision Summary:

2/25/16: Convert to GHS format. All section revised