

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** CAM2 Synavex™ Full Synthetic 75W-90 Limited Slip Gear Oil**SYNONYMS:** Synthetic Lubricating Oil**PRODUCT CODE:** 80565-501**PRODUCT USE:** Synthetic Gear Oil**MANUFACTURER'S NAME:** CAM2 International, LLC**ADDRESS:** P.O. Box 1119
Evergreen, CO 80437
Tel: 800-338-2262**EMERGENCY TELEPHONE NUMBER:**
*These numbers are for emergency use only.
If you desire non-emergency product information,
please call phone number listed below.***UNITED STATES:** 1 800 633 8253
INTERNATIONAL: 1 801 629 0667**CUSTOMER SERVICE:** 800-338-2262**MSDS FORM NUMBER:** 80565-501**SECTION 2: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW****APPEARANCE**

Amber viscous fluid, mild hydrocarbon odor

CAUTION!**HEALTH HAZARDS**

May irritate eyes and skin.

May be harmful if swallowed and enters airways.

POTENTIAL HEALTH EFFECTS**INHALATION (BREATHING):** This product is not likely to present an inhalation hazard at normal temperatures and pressures. However, when aerosolizing, misting, or heating of this product, high concentrations of generated vapor or mist may irritate the respiratory tract (nose, throat, and lungs).**EYES:** May cause irritation.**SKIN:** This product contains a component that may cause an allergic skin reaction.

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL

INGESTION (SWALLOWING): May be harmful if swallowed. May cause throat irritation, nausea, vomiting, and diarrhea. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing respiratory tract (nose, throat, and lungs) eye and/or skin disorders may have increased susceptibility to the effects of exposure.

CHRONIC: Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation, and/or fibrous tissue formation. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis).

POTENTIAL ENVIRONMENTAL EFFECTS: Product contains a component known to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Wt. Percent	Component	Synonym	CAS #
0 - 65	Hydrotreated Distillate, Heavy Paraffin C20-50	Highly Refined Synthetic Base Oil	64742-54-7
0 - 65	Hydrotreated Distillate, Light Paraffin C15-30	Highly Refined Synthetic Base Oil	64742-55-8
0 - 10	Mineral Oil	Not Available	Mixture
0 - 1	Long-chain alkyl amine	Not Available	Proprietary
0 - 1	Alkoxylated long-chain alkanol borate	Not Available	Proprietary
0 - 0.50	Alkyl phosphate	Not Available	Proprietary
0 - 0.50	Alkyl Phosphonate	Not Available	Proprietary
0 - 0.50	Long-chain alkenyl amine	Not Available	Proprietary
0 - 0.50	Long-chain alkenyl succinimide	Not Available	Proprietary

SECTION 4: FIRST AID MEASURES

INHALATION (BREATHING): Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

EYE: If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

SKIN: Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists. If

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL

product is injected under pressure into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, a physician should immediately evaluate the individual as a medical emergency.

**INGESTION:
(SWALLOWING)**

Do NOT induce vomiting. Immediately get medical attention. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. If affected person is fully conscious, give one glass of water to drink. Never give anything to an unconscious person by the mouth.

**NOTE TO
PHYSICIANS:**

Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident.

SECTION 5: FIRE FIGHTING MEASURES
--

FLASH POINT (METHOD USED): 206°F (97°C) (minimum) (Pensky-Martens Closed Cup)

FLAMMABLE LIMITS IN AIR: Lower: Not Available Upper: Not Available

**AUTOIGNITION
TEMPERATURE:**

Not available

**HAZARDOUS COMBUSTION
PRODUCTS:**

Decomposition and combustion materials may be toxic. Burning may produce oxides of sulfur, nitrogen or phosphorus, aldehydes, ketones, carbon monoxide and unidentified organic compounds.

**CONDITIONS OF
FLAMMABILITY:**

Sparks or flame. Product may burn, but does not ignite readily.

EXTINGUISHING MEDIA:

Carbon dioxide, regular foam, dry chemical, water spray, or water fog. Water or foam may cause frothing.

HAZARD RATING

0= LEAST
1= SLIGHT
2= MODERATE
3= HIGH
4= EXTREME

NFPA 704 HAZARD IDENTIFICATION

HEALTH HAZARD (BLUE)	1
FIRE HAZARD (RED)	1
REACTIVITY (YELLOW)	0
SPECIFIC HAZARD (WHITE)	

FIRE FIGHTING INSTRUCTIONS:

Keep storage containers cool with water spray. A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

**FIRE AND EXPLOSION
HAZARDS:**

Heated containers may rupture. "Empty" containers may retain residue and can be dangerous. Product is not sensitive to mechanical impact or static discharge.

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean spark-proof tool into a sealable container for disposal. Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING: Keep away from sparks or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools. When transferring large volumes of product, metal containers, including trucks and tank cars, should be grounded and bonded. This product has a low vapor pressure and is not expected to present an inhalation hazard under normal temperatures and pressures. However, when aerosolizing, misting, or heating this product, do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing and shoes.

SHIPPING AND STORING: Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain residue and can be dangerous.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**EXPOSURE GUIDELINES****Component Exposure Limits****Hydrotreated Distillate, Heavy Paraffin C20-50**

ACGIH: 5mg/m³ TWA (sampled by method that does not collect vapor) (related to Oil mist, mineral)
10 mg/m³ STEL (sampled by method that does not collect vapor) (related to Oil mist, mineral)
OSHA: 5 mg/m³ TWA (related to Oil mist, mineral)

Hydrotreated Distillate, Light Paraffin C15-30

ACGIH: 5mg/m³ TWA (sampled by method that does not collect vapor) (related to Oil mist, mineral)
10 mg/m³ STEL (sampled by method that does not collect vapor) (related to Oil mist, mineral)
OSHA: 5 mg/m³ TWA (related to Oil mist, mineral)

Mineral Oil

ACGIH: 5mg/m³ TWA (sampled by method that does not collect vapor) (related to Oil mist, mineral)
10 mg/m³ STEL (sampled by method that does not collect vapor) (related to Oil mist, mineral)
OSHA Final: 5 mg/m³ TWA (related to Oil mist, mineral)

ENGINEERING CONTROLS: Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL

is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits.

PERSONAL PROTECTIVE EQUIPMENT**RESPIRATORY PROTECTION:**

No respiratory protection is normally required. Use NIOSH-certified P- or R-series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4. Consult a qualified Industrial Hygienist or Safety Professional for respirator selection guidance.

EYE PROTECTION: Where eye contact is likely, wear safety glasses; contact lens use is not recommended.

SKIN PROTECTION:

Where skin contact is likely, wear neoprene, nitrile or equivalent protective gloves; use of natural rubber or equivalent gloves is not recommended. When product is heated and skin contact is likely, wear heat-insulating gloves, boots, and other protective clothing.

To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant face shield, boots, apron, coveralls, long sleeve shirts, or other protective clothing.

PERSONAL HYGIENE:

Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard leather articles, such as shoes, saturated with these products.

OTHER PROTECTIVE EQUIPMENT:

Where spills and splashes are likely, facilities storing or using these products should be equipped with emergency eyewash and shower, both equipped with clean water, in the immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**PHYSICAL STATE, APPEARANCE**

Amber viscous fluid

ODOR:

Mild hydrocarbon odor

ODOR THRESHOLD:

Not available

MOLECULAR WEIGHT:

Not applicable

SPECIFIC GRAVITY:

0.88 (Estimated) (water=1) (approximately)

VAPOR DENSITY:

>1 (Air = 1)

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL

VAPOR PRESSURE:	Not available
RELATIVE DENSITY:	0.878 g/cm ³ at 60°F (15.5°C)
INITIAL BOILING POINT:	Not available
BOILING RANGE	Not available
FREEZING/MELTING POINT:	Not available
pH:	Not applicable
EVAPORATION RATE:	Not available
SOLUBILITY IN WATER:	Insoluble
FLASH POINT:	206°F (97°C) (minimum) (Pensky-Martens Closed Cup)
FLAMMABILITY:	Not available
FLAMMABLE LIMITS IN AIR:	LOWER: Not available UPPER: Not available
AUTOIGNITION TEMPERATURE:	Not available

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperatures and pressures. Avoid sparks, or flame.
INCOMPATIBILITY:	Avoid oxidizing agents and reducing agents.
REACTIVITY:	Polymerization is not known to occur under normal temperatures and pressures. Not reactive with water.
HAZARDOUS DECOMPOSITION PRODUCTS:	None under normal temperatures and pressures. Also see Section 5: HAZARDOUS COMBUSTION PRODUCTS.

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE:	Skin, Eyes, Ingestion, and Inhalation.
TARGET ORGANS:	Contains material which may cause damage to the following organs: Gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS).
ACUTE EFFECTS:	May be harmful if swallowed. May irritate eyes and skin. May cause throat irritation, nausea, vomiting and diarrhea. Aspiration hazard: breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.
REPEATED DOSE EFFECTS:	Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation, and/or fibrous tissue formation. Prolonged or repeated eye contact may cause

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL

inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis).

SENSITIZATION:

Based on best current information, there is no known human sensitization associated with this product.

MUTAGENICITY:

Based on best current information, this product does not cause mutagenesis.

CARCINOGENICITY

Based on best current information, there is no known carcinogenicity as regulated by OSHA; as categorized by ACGIH A1 or A2 substances; as categorized by IARC Group 1 Group 2A, or Group 2B agents as either known carcinogens or substances for which there is limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals.

REPRODUCTIVE TOXICITY:

Based on best current information, there is no known reproductive toxicity associated with this product.

TERATOGENICITY:

Based on best current information, there is no known teratogenicity associated with this product.

NEUROTOXICITY:

No information available for this product.

TOXICITY DATA:**Component Analysis – LD50/LC50****Hydrotreated Distillate, Heavy Paraffin C20-50**

Oral LD50 >5 g/kg

Dermal LD50 >2 g/kg

Inhalation LC50 >5 mg/L

Hydrotreated Distillate, Light Paraffin C15-30

Oral LD50 >5 g/kg

Dermal LD50 >2 g/kg

Inhalation LC50 >5 mg/L

Mineral Oil

Dermal LD50 Rabbit >5000 mg/kg

Oral LD50 Rat >5000 mg/kg

Polyolefin

Dermal LD50 Rabbit >10250 mg/kg

Oral LD50 Rat >34600 mg/kg

Inhalation Vapor LC50 Rat >17.3 mg/L 4 h

Alkyl ester

Oral LD50 Rat 20500 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Product contains a component known to be toxic to aquatic organisms.

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL

May cause long term adverse effects in the aquatic environment.

**PERSISTENCE/
DEGRADABILITY:** This product contains components which may be persistent in the environment.

**BIOACCUMULATIVE
POTENTIAL:** No information available for the product.

**MOBILITY IN
ENVIRONMENTAL
MEDIA:** Base oil component(s) – Low solubility and floats; expected to migrate from water to the land.

**OTHER ADVERSE
EFFECTS:** Not available.

**OCTANOL/WATER
PARTITION
COEFFICIENT:** Not available.

**VOLATILE ORGANIC
COMPOUNDS:** Negligible

AQUATIC RELEASE: Advise authorities if product has entered or may enter watercourses or sewer drains.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste.

**USEPA WASTE
CODES:** This product, if discarded, is not expected to be a characteristic or listed hazardous waste. If recycled in the USA, it must be managed in accordance with 40 CFR Part 279. Processing, use, or contamination by user may change the waste code(s) applicable to the disposal of these products.

SECTION 14: TRANSPORT INFORMATION

**LAND (DOT):
(Shipping Name)** Not regulated as a hazardous material for Land Transport.

**LAND (TDG):
(Shipping Name)** Not regulated as a dangerous good for Land Transport.

**EMERGENCY RESPONSE
GUIDE NUMBER:** Not applicable
Reference *North American Emergency Response Guidebook*.

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL**SECTION 15: REGULATORY INFORMATION**

- SARA SECTIONS 302, 304** Based on the ingredients listed in **SECTION 3**, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.
- SARA SECTIONS 311 AND 312 REPORTING** This product poses the following health hazard(s) as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of Superfund Amendments and Reauthorization Act of 1986 (SARA):
- | | |
|-------------------------------------|-----|
| Immediate (Acute) Health Hazard | Yes |
| Delayed (Chronic) Health Hazard | Yes |
| Physical Fire | No |
| Physical Sudden Release of Pressure | No |
| Physical Reactive | No |
- SARA SECTION 313** This product does not contain chemical(s) subject to the supplier notification requirements of the SARA 313 Toxic Release Program.
- CERCLA** Based on the ingredients listed in **SECTION 3**, this product does not contain any "hazardous substances" listed pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.
- CALIFORNIA:** This product contains a component that list the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm: 2-Propenoic Acid, Ethyl Ester, Ethylene oxide, Propylene oxide and 1,4-DIOXANE.
- TSCA:** All components listed in **SECTION 3** are listed on, or are exempted from the requirements.

SECTION 16: OTHER INFORMATION

- DATE ISSUED:** December 17, 2013
- SUPERSEDES:** October 7, 2013
- REVISION NO.** 8
- REVISION INFORMATION:** Revised product name.
- LABEL/OTHER INFORMATION:** Not available.

MSDS FORM NUMBER: 80565-501

CAM2 SYNAVEX™ FULL SYNTHETIC 75W-90 LIMITED SLIP GEAR OIL

The information in this Safety Sheet was obtained from sources which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT. This safety sheet was prepared and is to be used only for this product. If the product is used as a component in another product, this safety sheet information may not be applicable.

-END OF DOCUMENT-