



MATERIAL SAFETY DATA SHEET

Page 1 of 9

MSDS Code: PRO w/AFMT

Date Issued: 12/15/2011

Replaces Issue:

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PROLONG NITRO 50 RACING OIL W/AFMT
(As Used on Label and List)

PRODUCT CODE: PRO w/AFMT

MANUFACTURER NAME AND ADDRESS:

GoldenWest Lubricants, Inc.
1937 Mount Vernon Avenue
Pomona, CA 91768

MANUFACTURER PHONE NUMBERS:

Phone: 909.865.1937
FAX: 909.865.4467

FOR HEALTH OR HAZMAT EMERGENCY:

CHEM-TREC (US & Canada) 800.424.9300
CHEM-TREC (International) 703.527.3887 (collect)

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification:

Item	Category	Hazard
Flammability	Not Classified	Not Applicable
Acute Toxicity (mouth)	Not Classified	Not Applicable
Acute Toxicity (skin)	Not Classified	Not Applicable
Acute Toxicity (inhalation)	Not Classified	Not Applicable
Acute Toxicity (ingestion)	Not Classified	Not Applicable
Skin corrosion/irritation	Not Classified	Not Applicable
Eye Damage/irritation	Not Classified	Not Applicable
Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	Not Classified	Not Applicable
Germ Toxicity	Not Classified	Not Applicable
Specific Target Organ Systematic Toxicity (single exposure)	1	No target organs for this category
	2	No target organs for this category
	3	No target organs for this category
Specific Target Organ Systematic Toxicity (repeated exposure)	1	No target organs for this category
	2	No target organs for this category
Aspiration Hazard	Not Classified	Not Applicable
Harmfulness to Aquatic Environment (acute)	Not Classified	Not Applicable



MATERIAL SAFETY DATA SHEET

Page 2 of 9

MSDS Code: PRO w/AFMT

Date Issued: 12/15/2011

Replaces Issue:

Harmfulness to Aquatic Environment (long term effect)	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive Toxicity	Not Classified	Not Applicable
Organic Peroxide	Not Classified	Not Applicable

Safety Phases:

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DEFINITION: Mixture

PRODUCT	CAS # OF COMPONENTS	Concentration
Hexanedioic acid, diisononyl ester	033703-08-1	<10
Petroleum Distillates	Proprietary or N/A	<10
Petroleum Distillates, hydrotreated heavy paraffinic	064742-54-7	<70
Phosphorodithioic acid,O,O-di-C1-14-alkyl esters, zinc salts	068649-42-3	<3
Polybutene	009003-29-6	<10
Residual oils (petroleum),solvent refined	064742-01-4	<10
Zinc Alkyldithiophosphate	Proprietary or N/A	<3

Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910.1000(z)

SECTION 4 - FIRST AID MEASURES

- INHALATION:** Remove affected person from exposure to fresh air. If breathing is irregular or has stopped, administer oxygen and obtain immediate medical attention. If irritation persists or if toxic systems are observed, get medical attention.
- SKIN CONTACT:** In case of skin contact, remove any contaminated clothing and wash skin immediately with soap and water. Launder or dry-clean clothing before reuse. Get medical attention if irritation develops.
- EYE CONTACT:** If lubricant gets into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.
- INGESTION:** If ingested, DO NOT INDUCE VOMITING; If conscious give 2 glasses of water. Get immediate medical attention.



MATERIAL SAFETY DATA SHEET

Page 3 of 9

MSDS Code: PRO w/AFMT

Date Issued: 12/15/2011

Replaces Issue:

SECTION 5 - FIRE FIGHTING MEASURES

- FLASH POINT °C:** 190°
Slightly Combustible. May release flammable vapors when heated above flash point.
- EXTINGUISHING MEDIA:** Carbon Dioxide, dry chemical or foam. Avoid using water.
- COMBUSTION PRODUCTS:** Carbon monoxides and asphyxiants.
- SPECIAL FIRE PROCEDURES:** Recommend SCBA. Use water only for cooling the container. Water may cause splattering or transport the flame.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Evacuate all non-essential personnel. Personal Protective Equipment must be worn, see PPE section 8 & 16. Remove sources of ignition. Prevent entry into sewers and waterways. Contain spill, pick up free liquid for recycling or disposal. Residual liquid can be absorbed with inert material. Check DOT/CERCLA and other agencies for reporting requirements.

Prevent contamination to soil, waterway and sewer systems.

SECTION 7 - HANDLING AND STORAGE

- HANDLING:** Avoid prolonged skin contact, breathing vapors, and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling. Empty containers retain material residue. Do not cut, weld, braze, solder or expose to other ignition sources.
- STORAGE:** Store in closed containers of proper construction. Store away from ignition sources in areas of good ventilation.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

- EXPOSURE LIMITS:** The PEL (OSHA) and the TLV (ACGIH) is 5 mg/m³ for oil mists.
- VENTILATION:** Use in areas of adequate ventilation. Use mechanical exhaust to control vapors or mist.
- HAND PROTECTION:** Use of chemical-resistant gloves is recommended.
- EYE PROTECTION:** Use of splash goggles, safety glasses or face shield is recommended.
- RESPIRATORY PROTECTION:** Use NIOSH/MSHA approved respirator with organic vapor cartridge and dust/mist cartridge is recommended if exposure limit is exceeded. Self-contained breathing apparatus is recommended for confined space entry.
- CLOTHING:** Long sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.



MATERIAL SAFETY DATA SHEET

Page 4 of 9

MSDS Code: PRO w/AFMT

Date Issued: 12/15/2011

Replaces Issue:

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT: >190°C
APPEARANCE: Dark Amber Oily Liquid
SPECIFIC GRAVITY (H₂O = 1): 0.896
VOC %: NIL
SOLUBILITY IN WATER: Negligible
EVAPORATION POINT: Less than ether
FLAMMABILITY: Materials classified as DOT Combustible Liquids (Flash Point > 141°F and < 200°F) are not regulated by DOT in containers of 110 gallons or less for domestic shipments

BOILING POINT °C: N/D
ODOR: Petroleum Odor
pH: Not Determined
VAPOR PRESSURE (mm Hg): <0.01 mmHg@20°C
VAPOR DENSITY (AIR = 1): Heavier than air

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: This material is normally stable at ambient temperature and pressure.

CONDITIONS TO AVOID: Avoid contact with strong oxidants. Keep away from heat, sparks, open flame, or all sources of ignition.

DECOMPOSITION: Carbon Dioxide, carbon monoxide

POLYMERIZATION: Hazardous polymerization will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD 50, mg/L/4hr
Hexanedioic acid, diisononyl ester	----	----	----
Petroleum Distillates	----	----	----
Petroleum Distillates, hydrotreated heavy paraffinic	>5,000, rat- Category: NA	>5,000, rabbit Category: NA	----
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	2,000, rat- Category: 4	2,000, rat- Category: 4	5.00, rat- Category: 3
Polybutene	34,600, rat- Category: NA	10,250.00, rabbit- Category: NA	----
Residual oils (petroleum), solvent refined	----	----	----
Zinc Alkyldithiophosphate	2,000.00, rat- Category: 4	>2,000, rabbit- Category: 5	----

ORAL TOXICITY: Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea and abdominal pain.

EYE IRRITATION: Not expected to cause eye irritation.

SKIN IRRITATION: Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation.



MATERIAL SAFETY DATA SHEET

Page 5 of 9

MSDS Code: PRO w/AFMT

Date Issued: 12/15/2011

Replaces Issue:

CARCINOGENICITY

CAS Number	Ingredient		
033703-08-1	Hexanedioic acid, diisononyl ester	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No
		CAL OSHA	Listed: No
Proprietary or N/A	Petroleum Distillates	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No
		CAL OSHA	Listed: No
064742-54-7	Petroleum distillates, Hydrotreated heavy paraffinic	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No
		CAL OSHA	Listed: No
068649-42-3	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Select Carcinogen: No Known: No; Suspected: No
		CAL OSHA	Listed: No
009003-29-6	Polybutene	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No
		CAL OSHA	Listed: No
064742-01-4	Residual Oils (petroleum), solvent refined	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No
		CAL OSHA	Listed: No
Proprietary or N/A	Zinc Alkyldithiophosphate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No
		CAL OSHA	Listed: No



MATERIAL SAFETY DATA SHEET

Page 6 of 9

MSDS Code: PRO w/AFMT

Date Issued: 12/15/2011

Replaces Issue:

SECTION 12 - ECOLOGICAL INFORMATION

This material is expected to have adverse effects on marine and plant life. Spills may contaminate drinking water.

SECTION 13 - DISPOSAL CONSIDERATIONS

Consult federal, state and local regulations regarding disposal methods, recycle used oil. Do not contaminate used oil with solvents or other chemicals.

SECTION 14 - TRANSPORTATION INFORMATION

(see 49 CFR part 171.8 through 178.510)

PROPER SHIPPING NAME: Oil, n.o.s.
HAZARD CLASS: Not Regulated
UN No: Not Applicable
PACKAGING GROUP: Not Applicable
MARINE POLLUTANT: No
GHS HAZARD CLASS: Not Applicable
GHS SHIPPING INFO: Not Applicable
IMDG: Not Regulated

SECTION 15 - REGULATORY INFORMATION

TSCA: All Components of this product are listed on the United States TSCA (Toxic Control Substance Act) Inventory
RCRA: Not RCRA regulated
DSL: All components of this product are listed on the Canadian Domestic Substances List (DSL)
SARA 311/312 (>0.1%): Not applicable
SARA 313 (>0.1%): Phosphorodithioic acid,O,O-di-C1-14-alkyl esters, zinc salts
Zinc Alkyldithiophosphate
CERCLA (>0.1%): Not applicable
Inventory-Canada-Non-Domestic Substances List (NDSL): Not applicable



MATERIAL SAFETY DATA SHEET

Page 7 of 9

Date Issued: 12/15/2011

MSDS Code: PRO w/AFMT

Replaces Issue:

California Proposition 65
Cancer:

Trace metal impurity (0.01%)

California Proposition 65
Developmental:

Not applicable

California Proposition 65
Female Reproductive:

Not applicable

California Proposition 65
Male Reproductive:

Not applicable

Inventory - Australia
Inventory of Chemical
Substances (AICS):

Hexanedioic acid, diisononyl ester
Petroleum distillates, hydrotreated heavy paraffinic
Phosphorodithioic acid,O,O-di-C1-14-alkyl esters, zinc salts
Polybutene
Residual Oils (petroleum), solvent refined
Zinc Alkyldithiophosphate

Inventory - Japan Existing and
New Chemical Substances
(ENCS):

Hexanedioic acid, diisononyl ester (2-861)
Petroleum distillates, hydrotreated heavy paraffinic ()
Polybutene (6-774)
Residual Oils (petroleum), solvent refined ()

Korean Existing Chemicals
Inventory:

Hexanedioic acid, diisononyl ester
Petroleum distillates, hydrotreated heavy paraffinic
Polybutene
Residual Oils (petroleum), solvent refined

Inventory of Existing Chemical
Substances in China:

Hexanedioic acid, diisononyl ester
Petroleum distillates, hydrotreated heavy paraffinic
Phosphorodithioic acid,O,O-di-C1-14-alkyl esters, zinc salts
Polybutene
Residual Oils (petroleum), solvent refined
Zinc Alkyldithiophosphate

Philippines Inventory of
Chemicals and Chemical
Substances (PICCS):

Hexanedioic acid, diisononyl ester
Petroleum distillates, hydrotreated heavy paraffinic
Phosphorodithioic acid,O,O-di-C1-14-alkyl esters, zinc salts
Polybutene
Residual Oils (petroleum), solvent refined
Zinc Alkyldithiophosphate



MATERIAL SAFETY DATA SHEET

Page 8 of 9

Date Issued: 12/15/2011

MSDS Code: PRO w/AFMT

Replaces Issue:

Taiwan List of Toxic Chemical
Substances regulated under
Toxic Chemical Substances
Control Act:

Not applicable

EU Reach: Annex XVII,
Dangerous Substances and
Preparations:

Petroleum distillates, hydrotreated heavy paraffinic
Residual Oils (petroleum), solvent refined

Inventory - EU Union
European Inventory of Existing
Commercial Chemical Substances
(EINECS):

Hexanedioic acid, diisononyl ester (251-646-7)
Petroleum distillates, hydrotreated heavy paraffinic (265-157-1)
Phosphorodithioic acid,O,O-di-C1-14-alkyl esters, zinc salts (272-028-3)
Polybutene ()
Residual Oils (petroleum), solvent refined (265-101-6)
Zinc Alkyldithiophosphate ()

EU List of Notifies Chemical
Substances (ELINCS):

Not applicable

SECTION 16 - OTHER INFORMATION

HMIS	Health:	1	NFPA	Health:	1
	Fire:	1		Fire:	1
	Physical Hazards:	0		Reactivity:	0
	PPE:	C		Special Hazards	---



MATERIAL SAFETY DATA SHEET

Page 9 of 9

Date Issued: 12/15/2011

MSDS Code: PRO w/AFMT

Replaces Issue:

The information and recommendation herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. GoldenWest Lubricants, Inc. does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

Since the conditions for use, handling, storage and disposal of this product are beyond GoldenWest Lubricants, Inc. control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability loss, damage or expense arising out of the improper use from any statement or omission in this MSDS.

Various government agencies, (e.g. DOT, EPA, FDA, etc) may have specific policies concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to insure full compliance.

The recipient of a MSDS is responsible for acting in accordance with a risk assessment in regard of the conditions of product use and for taking necessary precautionary measures in a given work situation, and has the responsibility to keep the users informed about the hazards relevant to their individual workplace. The recipient of a MSDS is responsible for choosing the appropriate way of informing the users. When formulating the specific instructions for the workplace, the recipient should consider the general recommendations of the relevant MSDS. Since a MSDS is merely product-related, it cannot take into account all the possible situations that may arise at any given workplace.¹

This MSDS is generated using an ISO 11014-1:994(E) Safety data sheet for chemical products International Standards. Part 1:Section 4 - General Aspects.

¹ Reference from ISO 11014-1:994(E), PART 1:Section 4.