FFT

Version: 1.3
Released: 2015-06-01 Revision Date: 2024-09-09

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

Supplier:
Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
+1 619 449 5000

Product Name: FFT
Article Number: 60916, 60901, 60505, 60055

Applications: Air Filter Oil

Emergency Telephone: In USA: CHEMTREC +1 703 527 3887 (24 hours)
Outside USA: +1 619 449 5000

2. HAZARDS IDENTIFICATION

GHS Classification

Aspiration Toxicity	Category 1
Skin Irritation	Category 2
Chronic Aquatic Toxicant	Category 2
Flammable Liquids	Category 2

GHS Symbol

Signal Word **Danger!**

Hazard Statements
H225 Highly flammable liquid and vapor
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention
P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233 Keep container tightly closed
P264: Wash hands and arms thoroughly after handling
P280 Wear protective gloves
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P271 Use only outdoors or in a well-ventilated area,
P273 Avoid release to the environment

Response
P301 + P310: If swallowed immediately call a POISON CENTER or doctor/physician
P331 Do NOT induce vomiting
P302 + P352: IF ON SKIN - wash with plenty of soap and water
P332 + P313: If skin irritation occurs get medical attention/advice
P362 Take off contaminated clothing and wash before reuse
P304 + P340: IF INHALED remove victim to fresh air and keep at rest in a position comfortable for breathing

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	P370 + P378: In case of fire: Use water fog or foam, dry chemical or carbon dioxide (CO2) to extinction. P391: Collect spillage.
Storage	P403 + 233: Store in a well-ventilated place. Keep container tightly closed .P405: Store locked up. P235: Keep cool.
Disposal	P501 Dispose of contents in accordance with local / regional / national / international regulations.
Other Hazards	Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Solvent (Petroleum) Light Aliphatic	<50	64742-89-8
Butene Polymer	15-25	9003-29-6
Distillates, Hydrotreated Heavy Paraffinic	25-35	64742-54-7

4. FIRST-AID MEASURES

Inhalation	If inhaled remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if coughing or respiratory discomfort occurs.
Skin Contact	No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. Wash skin with plenty of soap and water. Remove clothing and shoes if contaminated. Discard contaminated clothing and shoes or thoroughly clean before reuse.
Eye Contact	No specific first aid measures are required because this material is not expected to cause eye irritation. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists – get medical attention/advice and call a physician.
Ingestion	May be fatal if swallowed and enters airways. If swallowed immediately call a POISON CENTER. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.
Important Symptoms and Indication of Medical Attention Needed	Aspiration hazard. Symptomatic treatment. No specific antidote known
Notes to Physician	Do not induce vomiting. Treat appropriately

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5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
Special Hazards	This material will burn although it is not easily ignited. Minimize breathing of gases, vapor, fumes or decomposition products. Harmful smoke consisting of carbon oxides formed during the fire.
Protective equipment	Use smoke diving equipment (fire suit, breathing apparatus) when fighting fires.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Eliminate all sources of ignition in vicinity of spilled material. Wear chemical resistant gloves. See also: “Personal Protection "section 8.
Environmental Precautions	Toxic to aquatic life with long lasting effects. Prevent discharge to sewer of greater quantity. Contain release to prevent further contamination of soil, surface water or groundwater.
Methods/Materials for Cleaning up	Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulation. Dike with sand or earth and collect. Collected material is handled in accordance with section 13 "Disposal Considerations".

7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water. Wear recommended protective equipment. Practice good personal hygiene after handling.
Conditions for Safe Storage	Store locked up and in closed containers of proper construction. Store away from sources of ignition and in areas of good ventilation. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	Solvent (Petroleum) Light Aliphatic	(TWA 500 ppm), OSHA Z-1
	Butene Polymer	There are no established occupational exposure limits for this material

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	Distillates, Hydrotreated Heavy Paraffinic (TWA 5mg/m^3)
Appropriate Engineering Controls	Use care in the areas of adequate ventilation. Use mechanical exhaust to control vapors or mists.
Personal Protection	
Respiratory Protection:	Use NIOSH / MSHA approved respirator with organic vapor cartridge and dust / mist cartridge is recommended if limit is exceeded. Use of a self-contained breathing apparatus for confined entry is recommended.
Eye Protection:	Safety glasses, goggles or face shield recommended.
Skin/Body Protection:	No special protective clothing is normally required. If there is a potential for skin contact, wear a long sleeve t-shirt and apron. Neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.
Hand Protection:	Use nitrile or neoprene gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Blue
Odor	Hydrocarbon odor
Odor Threshold	No data available
pH	No data available
Freezing Point	No data available
Boiling Point	>118-150°C (>244-302°F) (light aliphatic solvent naphtha)
Flash Point	14-18°C (57-64°F) (light aliphatic solvent naphtha)
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper Explosion Limit	7.0% (light aliphatic solvent naphtha)
Lower Explosion Limit	0.9% (light aliphatic solvent naphtha)
Vapor Pressure	>80 hPa @ 38°C / 4.1 kPa @ 20°C
Vapor Density (Air=1)	>2
Relative Density	0.75 @ 15.6°C
Solubility	Soluble in hydrocarbons; insoluble in water
Partition Coefficient: n-octanol/water	No data available
Auto Ignition Temperature	>302°C (>608°F) (light aliphatic solvent naphtha)
Decomposition Temperature	No data available
Specific Gravity	0.75 @ 15.6°C
Volatile Organic Compounds (VOC)	No data available
Viscosity	<7 cSt @40°C

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10. STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under conditions of normal use.
Chemical Stability	This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Avoid temperatures over 120°F, open flames and sparks.
Incompatible Materials	May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Hazardous Decomposition Product	None known

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

64742-89-8 Solvent (Petroleum) Light Aliphatic

Oral	LD50 (rat, male and female) : >5,000 mg/kg Method: OECD Test Guideline 401 GLP: Yes
Inhalation	Assessment: The component/mixture is low toxic after short term inhalation
Dermal	LD50 (rabbit, male and female) : >2,000 mg/kg Method: OECD Test Guideline 402 GLP: Yes

9003-29-6 Butene Polymer

Oral	LD50 (rat, male and female) : >10,000 mg/kg Method: OECD Test Guideline 401
Inhalation	LC50 (rat, male and female) : > 19.171 mg/l > 4185 ppm / 4 hour period Method: US EPA-method
Dermal	LD50 (rabbit, male and female): >2,000 mg/kg Method: OECD Test Guideline 402

64742-54-7 Distillates, Hydrotreated Heavy Paraffinic

Oral	LD50 (rat, male and female) : >5 g/kg
Inhalation	The acute inhalation toxicity hazard is based on evaluation of data for similar materials or product components
Dermal	LD50 (rabbit, male and female): >5 g/kg

Irritation

64742-89-8 Solvent (Petroleum) Light Aliphatic

Dermal	Species: Rabbit Duration: 4 hours

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	Result: Irritating to skin
Eye	Species: Rabbit
	Result: Irritating to eyes
	9003-29-6 Butene Polymer
Dermal	Species: Rabbit
	Result: Slightly irritating
	Method: OECD Test Guideline 404
Eye	Species: Rabbit
	Result: Not irritating
	Method: OECD Test Guideline 405
	64742-54-7 Distillates, Hydrotreated Heavy Paraffinic
Dermal	For a 24-hour exposure, the Primary Irritation Score (PIS) is rabbits is 0.2/8.0
Eye	The mean 24-hour Draize eye irritation score in rabbits is 4.0/110

Sensitization

	64742-89-8 Solvent (Petroleum) Light Aliphatic
Dermal	Test Type: Buehler Test
	Species: Guinea Pig
	Results: Did not cause sensitization on laboratory animals
Inhalation	Test Type: Buehler Test
	Species: Guinea Pig
	Results: Did not cause sensitization on laboratory animals
	9003-29-6 Butene Polymer
Dermal	No sensitization expected
Inhalation	Sensitizing to the respiratory tract not known
	64742-54-7 Distillates, Hydrotreated Heavy Paraffinic
Dermal	Test Type: Buehler Test
	Species: Guinea Pig
	Results: Did not cause sensitization on laboratory animals
Inhalation	Test Type: Buehler Test
	Species: Guinea Pig
	Results: Did not cause sensitization on laboratory animals

Single Exposure

	64742-89-8 Solvent (Petroleum) Light Aliphatic
Inhalation	Target Organs: Central nervous system
	Assessment: May cause drowsiness or dizziness. The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.
	9003-29-6 Butene Polymer
Oral	No data available

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Dermal	No data available
Inhalation	No data available
	64742-54-7 Distillates, Hydrotreated Heavy Paraffinic
Oral	Not expected to be a hazard
Dermal	Not expected to be a hazard
Inhalation	Not expected to be a hazard

Repeated Exposure

	64742-89-8 Solvent (Petroleum) Light Aliphatic
Inhalation	Species: Rat100 mg/kg daily over 13 weeks 6 hours/day, 5 days/week NOAEL: 1402 Target Organ/effect: Kidney Symptoms: Nasal and ocular discharge
	9003-29-6 Butene Polymer
Oral	Species: Rat 100 mg/kg daily over 4 weeks NOAEL: 300 mg/kg Target Organ/effect: Kidney, Liver Method: OECD Test Guideline 407
Dermal	No data available
Inhalation	Species: Rat over 90 days 5 days/week, 6 hours/day NOAEL: 1.0 mg/l Target Organ/effect: Kidney Method: OECD TG 422 / 413
	64742-54-7 Distillates, Hydrotreated Heavy Paraffinic
Oral	Not expected to be a hazard
Dermal	Not expected to be a hazard
Inhalation	Not expected to be a hazard

Aspiration Toxicity

	64742-89-8 Solvent (Petroleum) Light Aliphatic
	Aspiration Toxicity – Category 1
	9003-29-6 Butene Polymer
	Aspiration Toxicity – Category 1 May be fatal if swallowed and enters airways
	64742-54-7 Distillates, Hydrotreated Heavy Paraffinic
	Not considered an aspiration hazard

Carcinogenicity

	64742-89-8 Solvent (Petroleum) Light Aliphatic
Carcinogenicity – assessment	Possible human carcinogen
	9003-29-6 Butene Polymer

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Carcinogenicity – assessment	No test results are on file regarding carcinogenicity
	64742-54-7 Distillates, Hydrotreated Heavy Paraffinic
Carcinogenicity – assessment	Product contains mineral oils of types shown to be non-carcinogenic in animal skin-painting studies. Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC)

Germ Cell Mutagenicity

	64742-89-8 Solvent (Petroleum) Light Aliphatic
Genotoxicity in vitro	Test Type: Ames test Metabolic Activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: Positive GLP: No data available
Genotoxicity in vivo	Test Type: In vivo micronucleus test Test Species: rat (male and female) Application Route: Inhalation Exposure Time: 6 hours/day Dose: 0, 2000, 10000, 20000 mg/m2 Result: positive GLP: yes
Germ Cell Mutagenicity – Assessment	Positive result(s) from in vivo heritable germ cell mutagenicity tests in mammals
	9003-29-6 Butene Polymer
Genotoxicity in vitro	Test Type: Ames test S. typhimurium / E. coli Result: No evidence of mutagenic effects Metabolic activation: with or without Method: OECD TG 471
Genotoxicity in vivo	Test Type: Chromosomal aberration Test Species: rat Application Route: Inhalation Method: US-EPA-method
Germ Cell Mutagenicity – Assessment	Result: Negative
	64742-54-7 Distillates, Hydrotreated Heavy Paraffinic
Germ Cell Mutagenicity – Assessment	Not considered a mutagenic hazard

Reproductive Toxicity

	64742-89-8 Solvent (Petroleum) Light Aliphatic
Reproductive toxicity – assessment	Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments

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9003-29-6 Butene Polymer

Reproductive toxicity – assessment	Screening for reproductive/developmental toxicity Oral Rat 100, 300, 1000 mg/kg Daily exposure NOEL: 1000 mg/kg Method: OECD 421

64742-54-7 Distillates, Hydrotreated Heavy Paraffinic

Reproductive toxicity – assessment	Not expected to be a hazard

ADDITIONAL TOXICOLOGY INFORMATION

NOEL(No Observed Effect Level)
This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

12. ECOLOGICAL INFORMATION

Ecotoxicity

Material	Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
Biodegradation	Readily biodegradable. Oxidizes rapidly by photochemical reactions in the air.
Acute Toxicity	10<LC/EC/IC50 <= 100 mg /l.
Bioaccumulation	Has the potential to bio accumulate in the aquatic environment.

13. DISPOSAL CONSIDERSATIONS

Disposal	Unused and Hazardous Waste (SFS 2001:1063, Waste Regulation). Used Product Waste: 13 02 05 (explanation: engine, gear and lubricating oils, mineral-based non-chlorinated engine, gear and lubricating oils). If spillage or waste can't be recycled in-house (note: permit requirements) contact the municipality or the County Board approved contractor.

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Note that the classification of waste is the responsibility of the user. Completely emptied containers can be left for recycling. Put the emptied container upside down to drain. Collect the remaining contents for use alt disposal. Wait until the container is drip dry. Sort container with the cap been removed as HARD PLASTIC PACKAGING. Management of Well-drained (drip-free) packaging is not hazardous waste.

Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Consult federal, state and local regulations regarding disposal methods. Do not contaminate oil with solvents or other chemicals.

14. TRANSPORT INFORMATION

Not considered dangerous goods by transport regulations.

DOT (Ground)

Shipping Name:	Consumer Commodity
Hazard Class:	LIMITED QTY

IMDG (Overseas)

Shipping Name:	Consumer Commodity (Petroleum Distillates, N.O.S.)	Class:	3 (Flammable Liquid)
UN No.	UN1268	Packing Group:	II

IATA (Air)

Shipping Name:	Consumer Commodity (Petroleum Distillates, N.O.S.)	Class:	3
Packing Instruction:	Y963 (IP VOL <= 0.5L)		

15. REGULATORY INFORMATION

CERCLA (>.1%): This product is not subject to CERCLA reporting requirements.
EPA SARA 311/312 (>.1%): This product does not contain chemicals regulated under SARA 311/312.
EPA SARA 313 (>.1%): This product does not contain chemicals regulated under SARA 313.
California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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16. OTHER INFORMATION

Date of Revision: September 09, 2024
Date of Previous Revision: December 06, 2023
Revision History:
6/1/15: Converted to GHS format. All section revised
7/6/16: Updated flash point and auto ignition temperature in section 9.
11/2/17: Updated emergency telephone #
12/6/23: Reviewed all sections and ensured they are up to date and correct
9/9/24: Updated section 9 with more lab data and reviewed all sections to ensure they are up to date
The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.