



FUEL ENHANCER

Released: 2018-06-13

Version: 1.0
Revision Date: 2018-06-13

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: Fuel Enhancer
Article Number: 80-89930, 80-89901, 80-89505, 80-89055

Applications: Fuel Storage Treatment Additive

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

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquid Category 4
Aspiration Toxicity Category 1

GHS Pictogram



Signal Word

Danger!

Hazard Statements

H227 Combustible Liquid
H304 May be fatal if swallowed and enters airways.

Precautionary Statements

Prevention P210 Keep away from flames and hot surfaces. No smoking.
P280 Wear protective gloves.

Response P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331 Do NOT induce vomiting.
P370 + P378 In case of fire: Use ... to extinguish.

Storage P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Disposal P501 Dispose of contents and container in accordance with local and national regulations.

Other Hazards

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Naphtha (petroleum), hydrotreated heavy	90-100%	64742-48-9

The specific identity and/or exact percentage has been withheld as a trade secret.



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4. FIRST-AID MEASURES

Inhalation	If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Launder clothing before reuse. Get medical attention if irritation develops.
Eye Contact	Flush eyes with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical attention.
Ingestion	If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Most Important Symptoms	May cause mild eye irritation. Prolonged skin contact may cause irritation. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration during swallowing or vomiting may cause lung damage.
Indication of Immediate Medical Attention Needed	Get immediate medical attention if swallowed.
Notes to Physician	Treat appropriately

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames. Do not use a solid stream of water.
Specific Hazards Arising From The Chemical	Combustible liquid. Closed containers may explode if exposed to extreme heat. Product will float on the surface and spread fire. Combustion may produce carbon and sulfur oxides and unidentified organic compounds.
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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Evacuate spill area and keep unprotected personnel away. Remove all sources of ignition. Ventilate area with explosion proof equipment. Wear appropriate protective clothing. See also: "Personal Protection "section 8.
Environmental Hazards	Avoid release into the environment. Report spill as required by local and federal regulations.
Methods/Materials for Cleaning up	Contain and collect using inert absorbent materials and place in appropriate containers for disposal. Use non-sparking tools and equipment. If spill has not ignited, use water spray to disperse the vapors and protect



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personnel attempting to stop leak. Ensure collected material is handled in accordance with section 13 "Disposal Considerations".

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with the eyes, skin and clothing. Do not breathe vapors or mists. Wear protective clothing and equipment. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep away from heat, sparks, flames and all other sources of ignition. Do not permit smoking in use or storage areas.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area away from heat, direct sunlight and all sources of ignition. Store in accordance with regulations for the storage of flammable liquids. Store away from oxidizers and other incompatible materials. Protect from physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	Naphtha (petroleum), hydrotreated heavy (as stoddard solvent)	500 ppm TWA OSHA PEL 100 ppm TWA 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 mechanical ventilation such as local exhaust may be required.	
Personal Protection		
Respiratory Protection:	None needed under normal use conditions with adequate ventilation. If exposure limits are exceeded, 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.	
Eye Protection:	Safety glasses or goggles recommended if splashing is possible.	
Skin/Body Protection:	No special protective clothing is normally required. If there is a potential for prolonged skin contact, wear a long sleeved shirt and apron. Neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.	
Hand Protection:	Use nitrile gloves for prolonged or repeated skin contact.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Clear, colorless
Odor	Hydrocarbon odor
Odor Threshold	No data available



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pH	No data available
Freezing Point	0.04 (nBuAc =1)
Boiling Point	354-415°F (179-213.9°C)
Flash Point	142-151°F (61-66°C)
Evaporation Rate	No data available
Flammability (solid, gas)	142-151°F(61-66°C)
Upper Explosion Limit	6%
Lower Explosion Limit	0.7%
Vapor Pressure	30-90 Pa @ 32°F (0°C)
Vapor Density (Air=1)	No data available
Relative Density	0.78-0.81
Solubility	Insoluble in water
Partition Coefficient: n-octanol/water	No data available
Auto Ignition Temperature	455-599°F (235-315°C)
Decomposition Temperature	No data available
Volatile Organic Compounds (VOC)	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Reactivity	Not expected to be reactive.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Keep away from heat, sparks and open flames.
Incompatible Materials	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Product	Thermal decomposition may produce carbon and sulfur oxides and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards

Eye Contact: May cause mild irritation

Skin Contact: Prolonged or repeated contact may cause mild irritation or dryness. Repeated skin contact may cause dermatitis.

Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness and nausea. Breathing high concentrations of oil mists may cause lung damage.

Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea. Aspiration during swallowing or vomiting may cause lung damage.

Chronic Effects of Overexposure: Used motor oils have been found to cause skin cancer in skin painting studies with laboratory animals.



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Naphtha (petroleum), hydrotreated heavy Oral rat LD50 >5000 mg/kg, Dermal rat LD50 >5000 mg/kg,

12. ECOLOGICAL INFORMATION**Ecotoxicity**Naphtha (petroleum), hydrotreated heavy 96 hr LL50 fish >100 mg/L, 48 hr EL50 daphnia magna >100 mg/L,
72 hr EL50 algae >100 mg/L**Biodegradation** Naphtha (petroleum), hydrotreated heavy is readily biodegradable.**Bioaccumulation** Naphtha (petroleum), hydrotreated heavy has the potential to bioaccumulate.**Mobility in soil** Naphtha (petroleum), hydrotreated heavy floats on water surfaces. If it enters the soil, it will adsorb to soil particles and will not be mobile.**Other adverse effects:** None known.**13. DISPOSAL CONSIDERATIONS****Disposal** Dispose in accordance with all local, state and federal regulations.**14. TRANSPORT INFORMATION**

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT	UN1268	Petroleum Distillated n.o.s.	Combustible Liquid	PGIII	No
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.



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15. REGULATORY INFORMATION

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

EPA SARA 311 Hazard Classification: Fire Hazard, Acute Health

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313: None

California Proposition 65: This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity:

Naphthalene	91-20-3	<0.003%	Cancer
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Chemical Inventories

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

Canadian CEPA: All of the components in this product are listed on the Canadian DSL.

Korea: All of the components in this product are listed on the Korean Existing Chemical Inventory (KECL).

16. OTHER INFORMATION

NFPA Rating (NFPA 704):	Health: 2	Fire: 2	Instability: 0
HMIS Rating:	Health: 2	Fire: 2	Physical Hazard: 0

Date of Revision: June 13, 2018

Date of Previous Revision: N/A

Revision History:

6/13/18: New document

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.