



MPPL

Released: 2015-12-10

Version: 1
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1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

1.1 Product Identifier

Trade Name: MPPL
Product Number: 73920

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Multi-Purpose Lube - Penetrant
None known

Restrictions on Use:

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
Information Phone Number: +1 619 449 5000
E-mail: info@maximausa.com

1.4 Emergency Telephone Number

Emergency Spill Information: CHEMTREC +1 703 527 3887 (24 hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

GHS/CLP (1272/2008) Classification:

Aerosol Category 1 (H222, H229)

Skin Irritant Category 2 (H315)

Skin Sensitizer Category 1 (H317)

Eye Irritation Category 2 (H319)

Specific Target Organ Toxicity – Single Exposure Category 3 (H336)

Aquatic Chronic Toxicity Category 2 (H411)

2.2 Label Elements

DANGER!



Contains alkanes, C12-14-iso, solvent naphtha (petroleum) light aliphatic, solvent naphtha (petroleum) heavy aliphatic, and limonene.

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Hazard Statements	Precautionary Phrases
H222 Extremely Flammable Aerosol. H229 Pressurized container: may burst if heated. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from heat, sparks, open flames, hot surfaces – No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P261 Avoid breathing vapors or mists. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves and eye protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P308 + P313 IF exposed or concerned: Get medical advice. P405 Store locked up. P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122 °F. P501 Dispose of contents and container as hazardous waste in accordance with local and national regulations.

2.3 Other Hazards: None**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixture**

Chemical Name	CAS#	EINECS#	GHS/CLP Classification	% w/w
C12-14 Isoparaffin Alkanes, C12-14-iso	68551-19-9	271-369-5	Flam Liq 4 (H227) Asp. Tox. 1 (H304) EUH066	15-40
Distillates (petroleum), hydrotreated light	64742-47-8	265-149-8	Flam. Liquid 3 (H226) Skin Irrit. 2 (H315) Eye 2A (H319)	15-40



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			Asp. Tox. 1 (H304) STOT SE 3 (H336) Aquatic Chronic 2 (H411)	
Solvent Naphtha (petroleum) heavy aliphatic	64742-96-7	265-200-4	Flam. Liquid 3 (H226) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) STOT SE 3 (H336) Aquatic Chronic 2 (H411)	15-40
Propane/Isobutane propellant	74-98-6 75-28-5	200-827-9 200-857-2	Flammable Gas 1 (H220) Gas Under Press; Liquefied gas (H280)	15-40
Limonene	5989-27-5	227-813-5	Flam. Liquid 3H226 Skin Irrit. 2 H315 Skin Sens. 1BH317 Asp. Tox. 1H304 Aquatic Acute 1H400 Aquatic Chronic 1H410	1-5

The exact percentage and composition are being withheld as a trade secret

SECTION 4: FIRST AID MEASURES**4.1 Description of First Aid Measures**

Eye: Flush eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation develops or persists.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. If irritation or rash develops, get medical attention. Launder clothing before re-use.

Inhalation: Immediately remove to fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Get medical attention.

Ingestion: Unlikely route of exposure with an aerosol container. If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Get immediate medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: May cause serious eye and skin irritation. May cause an allergic skin reaction Inhalation of vapors or mist may cause respiratory irritation and central nervous system effects such as headache, dizziness, drowsiness, nausea and unconsciousness. Aspiration hazard: Harmful or fatal if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is required for ingestion.

SECTION 5: FIRE AND EXPLOSION DATA



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5.1 Extinguishing Media: Use water spray, carbon dioxide, alcohol foam or dry chemical.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 50°C may cause cans to burst.

Combustion Products: Combustion may produce carbon and unidentified organic compounds.

5.3 Advice for Fire-Fighters:

Special Fire Fighting Procedures: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water. Protect against bursting cans.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Evacuate spill area and keep unprotected personnel away. Remove all sources of ignition. Ventilate area. Wear appropriate protective clothing. See also: "Personal Protection" Section 8.

6.2 Environmental Precautions:

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

6.3 Methods and Material for Containment and Cleaning Up:

Collect liquid with an absorbent material and place in a container suitable for flammable waste. Ensure collected material is handled in accordance with section 13 "Disposal Considerations".

6.4 Reference to Other Sections: Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 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 away from heat sources. Contents under pressure. Do not smoke during use. Do not smoke during use. Do not expose to temperatures above 50°C. Do not puncture or incinerate containers.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area at temperatures below 50°C. Do not store in direct sunlight. Protect from physical damage.

7.3 Specific end use(s): None specified



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters: Refer to country-specific legislation for specific requirements where not listed below.

Chemical Name	Exposure Limits
C12-14 Isoparaffin Alkanes, C12-14-iso	None Established
Distillates (petroleum), hydrotreated light (as Mineral Oil Mist)	5 mg/m3 TWA ACGIH TLV (inhalable) Denmark: 1 mg/m3 TWA, 2 ,g/m3 STEL Spain: 5 mg/m3 TWA, 10 mg/m3 STEL Sweden: 1 mg/m3 TWA, 3 mg/m3 STEL
Solvent Naphtha (petroleum) heavy aliphatic (as Mineral Oil Mist)	5 mg/m3 TWA ACGIH TLV (inhalable) Denmark: 1 mg/m3 TWA, 2 ,g/m3 STEL Spain: 5 mg/m3 TWA, 10 mg/m3 STEL Sweden: 1 mg/m3 TWA, 3 mg/m3 STEL
Propane	Denmark: 1000 ppm TWA, 2000 ppm STEL Spain: 1000 ppm TWA
Isobutane	1000 ppm STEL ACGIH TLV
Limonene	None Established

8.2 Exposure Controls:

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure below occupational exposure limits.

Respiratory Protection: If the exposure limits are exceeded, an approved organic vapor respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with local regulations and good industrial hygiene practice.

Skin Protection: Wear impervious gloves in accordance with EN 374 to avoid skin contact. Protective clothing if needed to avoid skin contact and contamination of personal clothing. Suitable washing should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

Eye Protection: Wear chemical safety glasses or goggles in accordance with EN 166 to avoid eye contact.

Other Protective Equipment: None should be needed under normal use conditions. In Europe follow EN 13034.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Appearance	Liquid in an aerosol container
Color	No data available
Odor	No data available



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Odor Threshold	No data available
pH	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	Flammable aerosol
Upper Explosion Limit	9.5% (propellant)
Lower Explosion Limit	1.8% (propellant)
Vapor Pressure	70 psi @ 70°F (propellant)
Vapor Density (Air=1)	No data available
Relative Density	No data available
Solubility	No data available
Partition Coefficient: n-octanol/water	No data available
Auto Ignition Temperature	No data available
Decomposition Temperature	No data available
Volatile Organic Compounds (VOC)	No data available
Viscosity	No data available

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not expected to be reactive

10.2 Chemical Stability: Stable

10.3 Possibility of Hazardous Reactions: None known.

10.4 Conditions to Avoid: Keep away from heat, sparks, flames and all other sources of ignition.
Dropping containers may cause bursting.

10.5 Incompatible Materials: Avoid contact with strong oxidizing agents.

10.6 Hazardous Decomposition Products: Combustion may produce carbon and unidentified organic compounds.



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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye Contact: May cause serious irritation with redness and tearing.

Skin Contact: May cause irritation with redness and drying of the skin. May cause an allergic skin reaction.

Inhalation: Inhalation of vapors may cause mucous membrane and respiratory irritation and central nervous system depression with symptoms of headache, dizziness, giddiness, intoxication, nausea, vomiting, disorientation, stupor and unconscious.

Ingestion: Not a normal route of exposure. Ingestion may cause mucous membrane and gastrointestinal irritation, nausea and vomiting. Aspiration into the lungs during ingestion or vomiting may cause serious lung damage which may be fatal.

Acute Toxicity Values:

Acute Toxicity:

C12-14 Isoparaffin Alkanes, C12-14-iso: Oral rat LD50 > 15000 mg/kg, inhalation rat LC50 > 4.951 mg/L/4 hr, dermal rabbit LD50 >= 3160 mg/kg

Distillates (petroleum), hydrotreated light: Oral rat LD50 > 5000 mg/kg, inhalation rat LC50 > 5.28 mg/L, dermal rabbit LD50 > 2000 mg/kg

Solvent Naphtha (petroleum) heavy aliphatic: Oral rat LD50 > 5000 mg/kg, inhalation rat LC50 > 5.28 mg/L/4 hr, dermal rabbit LD50 > 2000 mg/kg

Propane/Isobutane propellant: Propane/Isobutane propellant: Inhalation mouse LC50 520,400 ppm/2 hr

Limonene: Oral rat LD50 > 2000 mg/kg

Skin corrosion/irritation: Product is a skin irritant.

Eye damage/irritation: Product is an eye irritant.

Respiratory Irritation: No data available for mixture. Components are not respiratory irritants.

Respiratory Sensitization: No data available for mixture. Components are not respiratory sensitizers.

Skin Sensitization: This product is classified as a skin sensitizer.

Germ Cell Mutagenicity: No data available for mixture. Components are not germ cell mutagens.

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

Reproductive Toxicity: No data available for mixture. Components are not reproductive toxins.

Aspiration Hazard: Components are aspiration hazards. Product is not classified as an aspiration hazard due to packaging as an aerosol.



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Single Exposure: No data available

Repeat Exposure: No data available.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

C12-14 Isoparaffin Alkanes, C12-14-iso: Oncorhynchus mykiss LL50 > 1000 mg/L/96 hr
Distillates (petroleum), hydrotreated light: Oncorhynchus mykiss LL50: 2.5 mg/L/96 hr
Solvent Naphtha (petroleum) heavy aliphatic: Oncorhynchus mykiss LL50: 2.5 mg/L/96 hr
Propane/Isobutane propellant: 96 hr LC50 fish 27.98 mg/L, 48 hr EC50 daphnid 14.22 mg/L, 96 hr EC50 Green algae 7.71
Limonene: Pimephales promelas LC50: 0.72 mg/L/96 hr

This product is toxic to aquatic life with long lasting effects. Releases to the environment should be avoided.

12.2 Persistence and Degradability: C12-14 Isoparaffin Alkanes, C12-14-iso: Inherently biodegradable
Distillates (petroleum), hydrotreated light: Not readily biodegradable 58.6% in 28 days.
Solvent Naphtha (petroleum) heavy aliphatic: Not readily biodegradable 58.6% in 28 days.
Limonene: Readily biodegradable

12.3 Bioaccumulative Potential: Limonene: BCF: 1022 L/kg

12.4 Mobility in Soil: No data available.

12.5 Results of PBT and vPvB Assessment: Components do not meet the criteria of PBT or vPvB.

12.6 Other Adverse Effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste Treatment Methods:**

Dispose in accordance with all local, state and federal regulations. Do not puncture or incinerate containers.

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT	UN1950	Aerosols	2.1		



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Canadian TDG	UN1950	Aerosols	2.1		
EU ADR/RID	UN1950	Aerosols	2.1		
IMDG	UN1950	Aerosols	2.1		
IATA/ICAO	UN1950	Aerosols	2.1		

Note: This product can be shipped as a limited quantity if the packaging complies. Inner containers are <5 L capacity so Marine Pollutant does not apply.

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

This SDS conforms to Regulation (EU) No. 1907/2006 and 2015/830.
Label in accordance with Regulation (EC) No. 1272/2008 (CLP).

SECTION 16: OTHER INFORMATION

Supersedes: None

Date Updated: December 10, 2015

Revision Summary: New document.

GHS Classification for Reference (See Sections 2 and 3):

Aquatic Acute 1 Aquatic Acute Toxicity Category 1

Aquatic Chronic 1 Aquatic Chronic Toxicity Category 1

Aquatic Chronic 2 Aquatic Chronic Toxicity Category 2

Asp. Tox 1 Aspiration Toxicity Category 1

Eye 2 Eye Irritation Category 2

Flam Liq 4 Flammable Liquid 4

Flam Liq 3 Flammable Liquid Category 3

Flammable Gas 1 Flammable Gas Category 1

Gas Under Press; Liquefied gas Gas Under Pressure; Liquefied Gas

Skin Irrit 2 Skin Irritant Category 2

Skin Sens 1B Skin Sensitizer Category 1

STOT SE 3 Specific Target Organ Toxicity – Single Exposure Category 3

EUH066 Repeated exposure may cause skin dryness or cracking

H220 Extremely flammable gas.

H222 Extremely Flammable Aerosol.

H226 Flammable liquid and vapor

H227 Combustible liquid

H229 Pressurized container: may burst if heated.

H280 Contains gas under pressure; may explode if heated.



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H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects.

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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.