



A Division of
South West Lubricants, Inc.

**Material Safety Data Sheet
MPPL**

Last updated: August 2014

1. Product and Company Identification

Product Trade Name MPPL
CAS Number Not applicable for mixtures
Generic Chemical Name Aerosol
Product Type Multi-Purpose Lube - Penetrant

2. Composition/Information on Ingredients

Common Name	Chemical Name	CAS No.	Range (%)
Liquefied Petroleum Gas		68476-86-8	15-25
Distillates, hydrotreated heavy paraffinic		64742-54-7	20-30
Distillates, hydrotreated light		64742-47-8	20-30
Kerosene		64742-81-0	10-20

3. Hazards Identification

EMERGENCY OVERVIEW

Warning: Flammable. Contents under pressure. Container may burst if heated. Do not place in hot water or near radiators, stoves or other sources of heat. Do not puncture or incinerate container or store at temperatures over 120°F. Do not use in presence of open flame or spark or other sources of ignition. **KEEP OUT OF REACH OF CHILDREN.** Avoid getting into eyes. Use only as directed. **Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.**

POTENTIAL HEALTH EFFECTS

Eye Contact may cause mild eye irritation including stinging, watering and redness.
Skin Contact with skin is not expected to cause irritation.
Ingestion No harmful or chronic effects are expected to occur from a single accidental ingestion.
Inhalation Contains asphyxiant gases. Intentional inhalation of gases may cause headache, fatigue, weakness, mental confusion, mood disturbances and decreased coordination and judgment. Severe overexposure may produce more serious symptoms, including coma and death.

Chemical Listed as Potential Carcinogens

NTP: No IARC: No OSHA: No

4. First Aid Measures

Eye Flush or rinse eye with water while holding eyelid open. Remove contact lenses, if worn. If irritation or redness persists, seek medical attention.
Skin No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.
Ingestion 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.



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Inhalation No specific first aid measures are required because this material is not expected to be harmful if inhaled. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

5. Fire Fighting Measures

FIRE CLASSIFICATION: Flammable pursuant to CFR 16, Ch II Subchapter C, part 1500.45

AEROSOL LEVEL: Aerosol Level 3 (REF: to NFPA 30B, Section 1-7 of August 6, 1998.) Code for the Manufacture and Storage of Aerosol Products.

UNUSUAL FIRE & EXPLOSION PROPERTIES:

Aerosols may burst at temperatures above 120°F. Contents under pressure. Cool uninvolved containers to prevent possible bursting. Floors may be slippery where materials are released.

EXTINGUISHING MEDIA Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions Containers exposed to intense heat from fires must be cooled with water and removed from danger if it can be done with minimal risk. Aerosols can be projectiles when bursting. If aerosols are bursting, stay clear until bursting is complete.

Combustion Products Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

6. Accidental Release Measures

Protective Measures Eliminate all sources of ignition in vicinity of spilled material.

Spill Management Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. 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 regulations.

Reporting Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

7. Handling and Storage

Handling Contents under pressure. Handle as to avoid puncturing container(s). When used as intended, no additional protective equipment is necessary. Use chemical goggles if likelihood of eye contact. Wash unintentional residue with soap and water. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.



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Storage Store aerosol containers in cool, dry, well-ventilated areas away from heat and direct sunlight. Avoid temperatures above 120°F. Keep away from any incompatible material (see section 10.) Protect container(s) against physical damage. To avoid unintentional spraying keep protective cap in place when not in use.

8. Exposure Controls/Personal Protection

Exposure Limits	ACGIH TLV		OSHA PEL		UNITS
	TWA	STEL	TWA	STEL	
Liquefied Petroleum Gas	1000		1000		ppm

Ventilation Use in areas of adequate ventilation.

Gloves Use nitrile or neoprene gloves.

Eye Protection Safety glasses, goggles or face shield are recommended.

Respiratory 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.

9. Physical and Chemical Properties

Appearance and Odor	Liquid, Water white color, Slight petroleum odor
pH	NA
Vapor Pressure	70 psig @ 70°F
Vapor Density (Air = 1)	>1
Boiling Point	258°F
Solubility	Soluble in hydrocarbons; insoluble in water
Freezing Point	NA
Melting Point	NA
Specific Gravity	0.81 @ 15.6 °C / 15.6 °C
Volatile Organic Compounds (VOC)	<25%
Viscosity (40 °C)	ND

10. Stability and Reactivity Data

Chemical Stability This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Avoid temperatures over 120°F, open flames and sparks.

Incompatibility With Other Materials May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.



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Hazardous Decomposition Products Combustion may produce carbon monoxide, carbon dioxide and other unidentified organic compounds.

Hazardous Polymerization Hazardous polymerization will not occur.

11. Toxicological Information

No definitive information found on carcinogenicity, mutagenicity, target organs or developmental toxicity.

Skin Irritation Prolonged or repeated contact may result in defatting and drying of skin.

Eye Irritation Expected to cause mild irritation to eyes.

Respiratory Irritation Not expected to be a respiratory irritant. Chronic exposure may produce more severe side effects, such as dizziness and fatigue.

Sensitisation Not expected to be a skin sensitizer.

Mutagenicity No evidence of mutagenic activity.

ADDITIONAL TOXICOLOGY INFORMATION

This product contains petroleum and/or synthetic ester base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, severe hydrotreating or chemical reaction. 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

This material is expected to have marginally adverse affects on marine and plant life. Spills may contaminate drinking water. This material is expected to be inherently biodegradable.

13. Disposal Considerations

Disposal 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



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The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT (Ground)

Shipping Name	Consumer Commodity
Hazard Class	ORM-D

IMDG (Overseas)

Shipping Name	Aerosols
Class	2.1
UN No.	1950

IATA (Air)

Shipping Name	Consumer Commodity
Class	2.1
ID No.	ID8000
Label	Miscellaneous Dangerous Goods Class 9
Packaging Instructions	910

15. Regulatory Information

Toxic Chemicals List under SARA Section 313 of the Title III and 40 CFR Part 372
None

Chemicals under California Proposition 65
None

Flammability Classification 16 CFR, Ch II Subch. C, Part 1500.45
Flammable

Code of Manufacture and Storage of Aerosol Products NFPA 30B
Aerosol Level 3

16. Other Information

NFPA RATINGS	Health: 2	Flammability: 3	Reactivity: 0
HMIS RATINGS	Health: 2	Flammability: 3	Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

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.



CLEAN-UP

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Version: 1.1
Revision Date: 2015-07-17

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

Supplier:
Maxima Racing Oils

Product Name: Clean-Up
Article Number: 75920

Applications: Air Filter Cleaner (Aerosol)

2. HAZARDS IDENTIFICATION

GHS Classification

Aerosols: Category 1
Gases Under Pressure: Compressed Gas
Carcinogen: Category 2

GHS Pictogram



Signal Word Hazard Statements

Danger!
H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H351 Suspected of causing cancer.

Precautionary Statements

- Prevention** P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P280 Wear protective gloves.
- Response** P308 + P313 IF exposed or concerned: Get medical attention.
- Storage** P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.
P405 Store locked up.
- Disposal** P501 Dispose of contents and container in accordance with local and national regulations.

Other Hazards None



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Propane /Isobutane Propellant	30-50	74-98-6 75-28-5
Aliphatic Distillates	5-15	64742-94-5
2-Butoxyethanol	1-5	111-76-2
Naphthalene	0.1-1	91-20-3

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

4. FIRST-AID MEASURES

Inhalation	Immediately remove to fresh air. If breathing is difficult or irritation develops, get medical attention.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation develops, get medical attention. Launder clothing before re-use.
Eye Contact	Flush eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation develops or persists.
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.
Most Important Symptoms	May cause mild eye irritation. Prolonged skin contact may cause irritation and drying of the skin. Inhalation of vapors or mist may cause respiratory irritation and central nervous system effects such as headache, dizziness, drowsiness, nausea and unconsciousness.
Indication of Immediate Medical Attention Needed	No immediate medical attention is required.
Notes to Physician	Treat appropriately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide to extinguish.
Specific Hazards Arising From The Chemical	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 120°F may cause cans to burst. Combustion may produce carbon and sulfur oxides.



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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. Protect against bursting cans.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions** 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.
- Environmental Hazards** Avoid release into the environment. Report spill as required by local and federal regulations.
- Methods/Materials for 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".

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 away from heat sources. Contents under pressure. Do not smoke during use. Do not expose to temperatures above 120°F. Do not puncture or incinerate containers.
- Conditions for Safe Storage** Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight. Protect from physical damage.
- Aerosol Fire Protection Level** Level 2 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	Propane /Isobutane Propellant	1000 ppm TWA OSHA PEL (as propane) 1000 STEL ACGIH TLV (as butane)
	Aliphatic Distillates	5 mg/m3 TWA OSHA PEL (as oil mist) 5 mg/m3 TWA ACGIH TLV (as mineral oil)
	2-Butoxyethanol	50 ppm, skin OSHA PEL 20 ppm TWA ACGIH TLV
	Naphthalene	10 ppm TWA OSHA PEL 10 ppm TWA ACGIH TLV



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Appropriate Engineering Controls	General ventilation should be adequate for normal use. If vapor concentrations are excessive, use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits.
Personal Protection	
Respiratory Protection	If the exposure limits are exceeded, a NIOSH 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 OSHA 1910.134 and good industrial hygiene practice.
Eye Protection	Wear chemical safety glasses or goggles to prevent eye contact.
Skin/Body Protection	Protective clothing if needed to avoid prolonged 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.
Hand Protection	Wear impervious gloves to avoid prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid in an aerosol container
Color	Light green liquid
Odor	Petroleum odor
Odor Threshold	No data available
pH	8.5
Freezing Point	No data available
Boiling Point	210°F (98.8°C)
Flash Point	>150°F (65.5°C)
Evaporation Rate	<1
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	1.0 @ 60°F (15.5°C)
Solubility	Soluble in hydrocarbons; soluble in water
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



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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, flames and all other sources of ignition. Dropping containers may cause bursting.
Incompatible Materials	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Product	Thermal decomposition may produce carbon and sulfur oxides.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards

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

Skin Contact: Prolonged skin contact may cause mild irritation and drying of the skin.

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: Ingestion may cause mucous membrane and gastrointestinal irritation and nervous system depression with symptoms of headache, dizziness, nausea, narcosis and unconsciousness. Aspiration into the lungs during ingestion or vomiting may cause serious lung damage which may be fatal.

Chronic Effects of Overexposure: None known.

Sensitization: None of the components have been found to cause sensitization in animals or humans.

Mutagenicity: This product is not expected to cause mutagenic activity.

Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental effects.

Carcinogenicity: Naphthalene is classified by IARC as "Possibly Carcinogenic to Humans", Group 2B and by NTP as "Reasonably Anticipated to be a Human Carcinogen". None of the other components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Acute Toxicity:

Propane/Isobutane Propellant	Inhalation mouse LC50 520,400 ppm/2 hr
Aliphatic Distillates:	Oral rat LD50: 5210 mg/kg, inhalation rat LC50 > 4.778 mg/L, dermal rabbit LD50 > 2000 mg/kg
2-Butoxyethanol:	Oral guinea pig LD50 >1414 mg/kg, inhalation rat LC50 > 3.91 mg/L/4 hr, dermal rabbit LD50 > 2000 mg/kg
Naphthalene:	Oral mouse LD50 710 mg/kg, Inhalation rat LC50 >0.4 mg/L (highest attainable concentration), Dermal rat LD50 >2500 mg/kg



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12. ECOLOGICAL INFORMATION

Ecotoxicity

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

Aliphatic Distillates: 96 hr LL50 Oncorhynchus mykiss 2-5 mg/L, 48 hr EL50 daphnia magna 1.4 mg/L, 72 hr EL50 Pseudokirchnerella subcapitata 1-3 mg/L

2-Butoxyethanol: 96 hr LC50 Oncorhynchus mykiss 1474 mg/L, 48 hr EC50 daphnia magna 1550 mg/L, 72 hr EC50 Pseudokirchnerella subcapitata 911 mg/L

Naphthalene: 96 hr LC50 Pimephales promelas 7.9 mg/L, 48 hr EC50 daphnia magna 2.16 mg/L

Biodegradation

2-Butoxyethanol and naphthalene are readily biodegradable. Aliphatic distillates is inherently biodegradable.

Bioaccumulation

2-Butoxyethanol has a BCF of 3 which suggests a low potential to bioaccumulate in aquatic organisms. Aliphatic has the potential to bioaccumulate in aquatic organisms.

Mobility in soil

2-Butoxyethanol is highly mobile in soil.

Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

Disposal

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

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT	UN1950	Aerosols	2.1		
TDG	UN1950	Aerosols	2.1		
IMDG	UN1950	Aerosols	2.1		
IATA	UN1950	Aerosols	2.1		

Note: This product can be shipped as a limited quantity if the packaging complies.

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 has a Reportable Quantity (RQ) of 10,000 lbs. (based on the RQ for Naphthalene of 100 lbs). Releases above the RQ must be reported to the National Response Center. 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: Chronic Health, Fire Hazard, Sudden Release of Pressure.

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313:

Glycol Ethers (2-Butoxyethanol)	111-76-2	1-5%
Naphthalene	91-20-3	0.1-1%

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	0-1-1%	Cancer
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Chemical Inventories

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

16. OTHER INFORMATION

NFPA Rating (NFPA 704):	Health: 1	Fire: 3	Instability: 0
HMIS Rating:	Health: 1*	Fire: 4	Physical Hazard: 0

*Chronic Health Hazard

Date of Revision: July 17, 2015

Date of Previous Revision: August 2014

Revision History:

7/17/15: Converted to GHS format. All section revised

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.