

FAB 1

Released: 2016-01-19

Version: 1.1
Revision Date: 2017-11-02

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: FAB 1
Article Number: 61920

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

Aerosols: Category 1
Gases Under Pressure: Compressed Gas
Skin Irritant: Category 2
Specific Target Organ Toxicity – Single Exposure: Category 3
Toxic to Reproduction: Category 2
Specific Target Organ Toxicity – Repeat Exposure: Category 2
Aspiration Hazard: Category 1

GHS Pictogram



Signal Word

Danger!

Hazard Statements

H222 Extremely Flammable Aerosol.
H229 Pressurized container: may burst if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H371 May cause damage to nervous system through prolonged or repeated exposure.

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, hot surfaces – No smoking.



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	P211 Do not spray on an open flame or other ignition source.
	P251 Do not pierce or burn, even after use.
	P260 Do not breathe vapor or mists.
	P264 Wash thoroughly after handling.
	P271 Use only outdoors or in a well-ventilated area.
	P280 Wear protective gloves, clothing and eye protection.
Response	P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P312 Call a POISON CENTER or doctor.
	P302 + P352 IF ON SKIN: Wash with plenty of soap and water
	P332 + P313 If skin irritation occurs: Get medical attention.
	P362 + P364 Take off contaminated clothing and wash it before reuse.
	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
	P331 Do NOT induce vomiting.
	P308 + P313 IF exposed or concerned: Get medical attention.
Storage	P405 Store locked up.
	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
	P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
Disposal	Dispose of contents and container in accordance with local, regional and national regulations.
Other Hazards	None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Solvent Naphtha (Petroleum), Light Aliphatic	<50	64742-89-8
Propane/Isobutane propellant	20-30	74-98-6 75-28-5
Heptane	<5	142-82-5

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 have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Get medical attention.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. If irritation develops, get medical attention. Launder clothing before re-use.



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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. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Get immediate medical attention
Most Important Symptoms	May cause eye irritation. Causes skin irritation. 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. Prolonged overexposure may cause nervous system damage. Possible developmental hazard. May adversely affect the developing fetus or cause birth defects based on animal data.
Indication of Immediate Medical Attention Needed	Immediate medical attention is required for ingestion.
Notes to Physician	Treat appropriately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use carbon dioxide, foam or dry chemical. Water may be ineffective but can be used to cool exposed containers and structures and disperse flammable vapors.
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 50°C may cause cans to burst. Thermal decomposition will generate oxides of carbon, saturated and unsaturated hydrocarbons.
Special Protective Equipment And Precautions For Fire-Fighters	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.

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.



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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 50°C. Do not puncture or incinerate containers.

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

Aerosol Fire Protection Level Level 3 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	Solvent Naphtha (Petroleum), Light Aliphatic (as mineral oil mist)	5 mg/m ³ TWA ACGIH TLV (inhalable)
	Propane /Isobutane Propellant	1000 ppm TWA OSHA PEL (as propane) 1000 STEL ACGIH TLV (as butane)
	Heptane	500 ppm TWA OSHA PEL 400 ppm TWA, 500 ppm STEL ACGIH TLV
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 avoid eye contact.	
Skin/Body Protection	Wear impervious gloves 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.	
Hand Protection	Wear impervious gloves to avoid prolonged skin contact.	



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid in an aerosol container
Color	Light blue
Odor	Hydrocarbon odor
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	No data available
Lower Explosion Limit	No data available
Vapor Pressure	100 psig @ 70°F (21°C)
Vapor Density (Air=1)	>2
Relative Density	0.75 @ 60°F (15.6 °C)
Solubility	Insoluble 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

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 and acids.



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Hazardous Decomposition Product Thermal decomposition will generate oxides of carbon, saturated and unsaturated hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards

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

Skin Contact: Causes irritation with redness and drying of the skin. Prolonged contact may cause defatting of the skin and dermatitis.

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: No data available for mixture. This product is not classified as a skin sensitizer.

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

Reproductive Toxicity: None of the component have been found to cause reproductive or developmental effects.

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

Acute Toxicity:

Solvent Naphtha Aliphatic: Oral rat LD50: >5,000 mg/kg, Inhalation rat LC50: >5.61 mg/L/4hr,
Dermal rabbit LD50: >2,000 mg/kg

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

Heptane: Oral rat LD50 >5000 mg/kg, Inhalation rat LC50 >29.29 mg/L/4 hr,
Dermal rabbit LD50 >2000 mg/kg.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Propane/Isobutane Propellant 96 hr LC50 fish 27.98 mg/L, 48 hr EC50 daphnia 14.22 mg/L, 96 hr
EC50 Green algae 7.71

Heptane: Daphnia magna: LC/EC/IC50 >1 - <=10 mg/l; Algae: LL/EL/IL50 >10
<= 100 mg/l; Fish: LL/EL/IL50 >10 <= 100 mg/l

This product is toxic to aquatic life with long lasting effects. Avoid releases to the environment.

Biodegradation Heptane is readily biodegradable.

Bioaccumulation Heptane has BCF of 550. This suggests the bioconcentration in aquatic organisms is expected to be high.



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Mobility in soil Heptane is moderately 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. Inner containers are <5 L capacity so Marine Pollutant does not apply.

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.

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: Acute Health, 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: None

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.

Chemical Inventories

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



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16. OTHER INFORMATION

NFPA Rating (NFPA 704):	Health: 2	Fire: 4	Instability: 0
HMIS Rating:	Health: 2*	Fire: 4	Physical Hazard: 0
*Chronic Health Hazard			

Date of Revision: November 2, 2017

Date of Previous Revision: January 2016

Revision History:

1/19/16: Converted to GHS format. All section revised

11/2/17: Updated emergency telephone #

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.