

FAB 1

Released: 2015-6-1

Version:
Revision Date: 2015-5-28

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: FAB1
Article Number: 61920

Applications: Air Filter Oil

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

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
n-Hexane	<5	110-54-3

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 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. N-Hexane exposure can cause peripheral neuropathies. Initial symptoms include numbness in the extremities. Motor weakness may also occur.
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.
Methods/Materials for	Collect liquid with an absorbent material and place in a container suitable for



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Cleaning up 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)
	Hexane	50 ppm, skin TWA 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.



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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:** Prolonged exposure to high concentrations of n-hexane (>1,000 ppm) resulted in decreased sperm count and degenerative changes in the testes of rats but not those of mice. In a reproductive inhalation study, female rats were exposure to up to 5000 ppm for 20 hrs a day during days 6-20 of gestation. Maternal and fetal weights were reduced in the 1000 and 5000 ppm dose groups. A significant increase in reduced ossification of sternebrae 1 -4 in the 5000 ppm fetuses, but this was likely due to the fetal growth retardation. NOEC for maternal toxicity is 200 ppm. The NOAEC for developmental toxicity is 200 ppm.**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
Hexane:	Oral rat LD50 16,000 mg/kg; Inhalation rat LC50 >73.86 mg/L/4 hr; Dermal rabbit LD50 3350 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

Hexane: 96 hr LL50 Oncorhynchus mykiss 12.51 mg/L, 48 hr EC50 daphnia magna 21.85 mg/L; 72 hr EC50 Pseudokirchnerella subcapitata 9.285 mg/L

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

Biodegradation Hexane is readily biodegradable.**Bioaccumulation** Hexane has BCF of 170. This suggests the bioconcentration in aquatic organisms is expected to be high.**Mobility in soil** Hexane 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. 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 has a Reportable Quantity (RQ) of 100,000 lbs. (based on the RQ for Hexane of 5,000 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



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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 contains the following chemicals known to the State of California to cause cancer and reproductive toxicity: None

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: 2	Fire: 4	Instability: 0
HMIS Rating:	Health: 2*	Fire: 4	Physical Hazard: 0

*Chronic Health Hazard

Date of Revision: January 19, 2016

Date of Previous Revision: New SDS

Revision Summary: 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.