

CHAIN WAX

Released: 2015-06-01

Version: 1.1
Revision Date: 2017-11-02

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

Supplier: Maxima Racing Oils
Product Name: Chain Wax
Article Number: 74920
Generic Chemical Name: Aerosol
Applications: Chain Lubricant

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Aerosol	Category 1
Gas Under Pressure	Liquefied Gas
Aspiration Toxicity	Category 1
Skin Irritation	Category 2
Skin Sensitization	Category 1
Eye Irritant	Category 2A
Reproductive Toxicity	Category 2
Specific Target Organ Toxicity Single Exposure	Category 3 (Nervous system effects)
Specific Target Organ Toxicity Repeat Exposure	Category 2

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Label Elements:

GHS Pictogram



Signal Word

DANGER!

Hazard Statements

Extremely Flammable Aerosol.
Contains gas under pressure; may explode if heated.
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.



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Causes serious eye irritation.
May cause drowsiness or dizziness.
Suspected of damaging fertility or the unborn child.
May cause damage to nervous system through prolonged or repeated exposure.

Precautionary Statements

- Prevention** Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, sparks, open flames, hot surfaces – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe vapors or mists.
Contaminated work clothing should not be allowed out of the workplace.
Wash thoroughly with soap and water after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves and eye protection.
- Response** IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
IF exposed or concerned: Get medical advice.
- Storage** Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.
- Disposal** Dispose of contents and container in accordance with local and national regulations.
- Other Hazards** None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Heptane	20-30	142-82-5
Acetone	20-30	67-64-1



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Liquefied Petroleum Gas (Propane, Isobutane)	20-30	68476-86-8
Residual oils, petroleum, solvent refined	<10	64742-01-4
Stoddard Solvent	<10	8052-41-3
Solvent Naphtha Aliphatic	<5	64742-89-8
Additive	<0.5	Proprietary

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

4. FIRST-AID MEASURES

Inhalation	If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.
Skin Contact	Wash with soap and water for several minutes. Remove contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists
Ingestion	Aspiration Hazard. DO NOT induce vomiting. Call physician or poison control center.
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 needed for ingestion.
Notes to Physician	Treat appropriately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, dry chemical, carbon dioxide or foam. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.
Specific Hazards Arising From The Chemical	Extremely flammable aerosol. Highly flammable liquid and vapor. Contents under pressure. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often



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with violent force. Vapors can cause a flash fire. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. A vapor and air mixture can create an explosion hazard in confined spaces. Combustion will produce oxides of carbon, saturated and unsaturated hydrocarbons.

Special Protective Equipment And Precautions For Fire-Fighters Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area

Environmental Hazards Not determined

Methods/Materials for Cleaning up Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes and skin. Avoid breathing vapors or aerosols. Use only with adequate ventilation. Keep away from heat, sparks, pilot lights, hot surfaces and open flames. Unplug electrical tools, motors and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture, crush or incinerate containers, even when empty.

Conditions for Safe Storage Store in a cool, well-ventilated area, away from incompatible materials. Do not store above 120°F or in direct sunlight. U.F.C (NFPA 30B) Level 3 Aerosol. Store away from oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits Heptane 500 ppm TWA OSHA PEL
400 ppm TWA, 500 ppm STEL ACGIH
TLV



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Acetone	250 ppm TWA, 500 ppm STEL ACGIH TLV
Propane	1000 ppm TWA OSHA PEL
Isobutane	1000 ppm TWA OSHA PEL
Residual oils, petroleum, solvent refined	1000 ppm STEL ACGIH TLV
	5 mg/m ³ TWA ACGIH TLV (inhalable) (as mineral oil)
	5 mg/m ³ TWA OSHA PEL (as oil mist, mineral)
Stoddard Solvent	100 ppm TWA ACGIH TLV
	500 ppm TWA OSHA PEL
Solvent Naphtha Aliphatic	5 mg/m ³ TWA ACGIH TLV (inhalable) (as mineral oil)
	5 mg/m ³ TWA OSHA PEL (as oil mist, mineral)
Additive	None Established

The Following Controls are Recommended for Normal Consumer Use of this Product

Appropriate	Use in a well-ventilated area.
Engineering Controls	
Personal Protection	
Respiratory Protection:	None needed for normal use with adequate ventilation.
Eye Protection:	Avoid eye contact. Always spray away from your face.
Skin/Body Protection:	Avoid prolonged skin contact. Chemical resistant gloves recommended for operations where skin contact is likely.

For Bulk Processing or Workplace Use the Following Controls are Recommended

Appropriate	Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.
Engineering Controls	
Personal Protection	
Respiratory Protection:	None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.
Eye Protection:	Safety goggles recommended where eye contact is possible.
Skin/Body Protection:	Wear chemical resistant gloves.
Work/Hygiene Practices:	Wash with soap and water after handling.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Clear brown
Odor	Mild odor
Odor Threshold	Not established
pH	Not applicable
Freezing Point	Not established
Boiling Point	90 - 100 °C / 194 - 212 °F
Flash Point	< -7 °C / < 19 °F
Evaporation Rate	Not established
Flammability (solid, gas)	Flammable Aerosol
Upper Explosion Limit	7.0% (heptane)
Lower Explosion Limit	1.0% (heptane)
Vapor Pressure	6.000 - 7.700 Pa (20 °C / 68 °F) (Heptane)
Vapor Density (Air=1)	Not established
Relative Density	Not established
Solubility	Partially soluble in water
Partition Coefficient: n-octanol/water	Not established
Auto Ignition Temperature	Not established
Decomposition Temperature	Not established
Volatile Organic Compounds (VOC)	No data available
Viscosity	Not established
Pour Point	Not established

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions
Chemical Stability	Stable.
Possibility of Hazardous Reactions	Acetone reacts violently with chloroform in the presence of bases.
Conditions to Avoid	Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.
Incompatible Materials	Strong oxidizers, acids, peroxides, and reducing agents.
Hazardous Decomposition Product	Thermal decomposition will generate oxides of carbon, saturated and unsaturated hydrocarbons.



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11. TOXICOLOGICAL INFORMATION

Potential Health Hazards

Eye Contact: Contact may be irritating to eyes. May cause redness, stinging, swelling and tearing

Skin Contact: May cause skin irritation with short-term exposure with redness, itching and burning of the skin. Prolonged and/or repeated contact may produce defatting and possible dermatitis. May cause an allergic skin reaction (sensitization).

Inhalation: Mist or vapor can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. The liquid contents are an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis

Chronic Effects: Prolonged occupational overexposure may cause effects on damage to the central and peripheral nervous systems, fatigue, loss of appetite, paresthesia in distal extremities, blurred vision, headache, anorexia, muscular weakness, loss of sensation, and impaired gait.

Carcinogen Status: None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.

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

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

Acetone: Oral rat LD50: 5,800 mg/kg, Inhalation rat LC50: 120 mg/L, Dermal rabbit LD50: 20,000 mg/kg

Liquefied Petroleum Gas: No toxicity data is available

Residual oils, petroleum, solvent refined: Oral rat LD50: >5,000 mg/kg, Inhalation rat LC50: 2.18 mg/L/4hr, Dermal rabbit LD50: >2,000 mg/kg

Stoddard Solvent: No toxicity data is available

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

Additive: Oral rat LD50: >5,000 mg/kg, Dermal rabbit LD50: >2,000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

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 expected to be harmful to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.



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Biodegradation	Heptane is readily biodegradable. Additive: Not readily biodegradable- 45% in 28 days.
Bioaccumulation	There is a potential for bioaccumulation.
Mobility in soil	No data available.
Other adverse effects:	None known.

13. DISPOSAL CONSIDERATIONS

Disposal	If this product becomes a waste, it would be expected to meet the criteria of a RCRA ignitable hazardous waste (D001). However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Do not puncture or incinerate containers, even empty. Dispose in accordance with federal, state, and local regulations.
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14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT	UN1950	Aerosols	2.1		
IMDG	UN1950	Aerosols	2.1	LTD QTY	Marine Pollutant (Hexane)
ICAO	UN1950	Aerosols, flammable	2.1		

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 311/312 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

VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules

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.

Canadian CEPA: One of the components is listed on the NDSL. All of the other ingredients are listed on the Canadian Domestic Substances List or exempt from notification.



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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

Date of Revision: November 2, 2017

Date of Previous Revision: June 2015

Revision History:

6/1/15: 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.