



# SYNTHETIC CHAIN GUARD

Version: 1.5

Released: 2015-06-01

Revision Date: 2025-03-31

## 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:** Synthetic Chain Guard**Article Number:** 77908, 77920, 70-779203**Generic Chemical Name:** Aerosol**Applications:** Synthetic chain lubricant**Emergency Telephone:** CHEMTREC +1 703 527 3887 (24 hours)

## 2. HAZARDS IDENTIFICATION

**GHS Classification**

Flammable Aerosol	Category 1
Gas Under Pressure	Liquefied Gas
Aspiration Hazard	Category 1
Skin Irritant	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.

**GHS Pictogram****Signal Word****Danger!****Hazard Statements**

H222 Extremely flammable aerosol.  
H229 Pressurized container: May burst if heated.  
H315 Causes skin irritation.

**Precautionary Statements**

**Prevention** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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.  
P264 Wash skin thoroughly after handling  
P280 Wear protective gloves.  
P302 + P352 IF ON SKIN: Wash with plenty of water.



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**Response**

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Storage** None**Disposal** None**Other Hazards**

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Heptane	10-20	142-82-5
Butene, homopolymer	20-40	9003-29-6
Petroleum distillates	10-30	72623-87-1
Petroleum gases, liquefied, sweetened	10-30	68476-86-8

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

### 4. FIRST-AID MEASURES

<b>Inhalation</b>	If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.
<b>Skin Contact</b>	Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.
<b>Eye Contact</b>	Flush eyes with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical attention.
<b>Ingestion</b>	May be fatal if swallowed and enters airways. If swallowed immediately call a POISON CENTER. 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.
<b>Most Important Symptoms</b>	May cause mild 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. May be fatal if swallowed and enters lung and airways.
<b>Indication of Immediate Medical Attention Needed</b>	Immediate medical attention required if ingested.



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**Notes to Physician**

Treat symptomatically.

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### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media**

Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames. Water may be ineffective but can be used to cool exposed containers and structures and disperse flammable vapors. Minimize breathing of gases, vapor, fumes or decomposition products.

**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 122°F (50°C) may cause cans to burst.

**Special Protective Equipment And Precautions For Fire-Fighters**

Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Do not enter fire area without proper protection. 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 with explosion proof equipment. 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**

Contain and collect using inert absorbent materials and place in appropriate containers for disposal. Use non-sparking tools and equipment. If spill has not ignited, use water spray to disperse the vapors and protect personnel attempting to stop leak. Ensure collected material is handled in accordance with section 13 "Disposal Considerations".

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Avoid contact with skin, eyes 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 containers closed when not in use. Keep away from heat, sparks, flames and all other sources of ignition. Do not permit smoking in use or storage areas. Do not expose to temperatures above 122°F (50°C). Do not puncture or incinerate containers.

**Conditions for Safe Storage**

Store in a cool, dry, well-ventilated area away from heat, direct sunlight and all sources of ignition. Store in accordance with regulations for the storage of aerosol containers. Store away from oxidizers and other incompatible materials. Protect from physical damage.



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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Limits</b>	Heptane	400 ppm TWA 500 ppm (STEL) ACGIH TLV
	Petroleum distillates	5 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> (STEL) ACGIH TLV
	Petroleum gases, liquefied, sweetened	None established
	Butene, homopolymer	None established

**Appropriate Engineering Controls** Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits. Use explosion proof equipment where required.

### Personal Protection

**Respiratory Protection:** If exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Eye Protection:** Safety glasses or goggles recommended if splashing is possible.

**Skin/Body Protection:** Wear 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid
<b>Color</b>	Clear
<b>Odor</b>	Characteristic odor
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Freezing Point</b>	No data available
<b>Boiling Point</b>	201°F (94°C)
<b>Flash Point</b>	15.8°F (-9°C)
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper Explosion Limit</b>	No data available
<b>Lower Explosion Limit</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density (Air=1)</b>	No data available
<b>Relative Density</b>	No data available
<b>Solubility</b>	Soluble in hydrocarbons; insoluble in water



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<b>Partition Coefficient: n-octanol/water</b>	No data available
<b>Auto Ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Volatile Organic Compounds (VOC)</b>	No data available
<b>Viscosity</b>	> 20.5 cSt @104°F (40°C)

### 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not expected to be reactive.
<b>Chemical Stability</b>	Stable.
<b>Possibility of Hazardous Reactions</b>	None known.
<b>Conditions to Avoid</b>	Keep away from heat, sparks, flames and all other sources of ignition. Dropping containers may cause bursting.
<b>Incompatible Materials</b>	Avoid contact with strong oxidizing agents.
<b>Hazardous Decomposition Product</b>	Carbon monoxide and carbon dioxide, smoke fumes, and unburned hydrocarbons.

### 11. TOXICOLOGICAL INFORMATION

#### Potential Health Hazards

**Eye Contact:** May cause mild, short-lasting discomfort to eyes.

**Skin Contact:** Causes skin irritation with non-allergic 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 unconsciousness.

**Ingestion:** Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea. 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:** This product is not expected 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:

Heptane	Oral rat LD50 >5840 mg/kg
	Inhalation rat LC50 >23.3 mg/L/4 h
	Dermal rabbit LD50 >2920 mg/kg



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Petroleum Distillates  
(CAS 72623-87-1)

Oral rat LD50 >5000 mg/kg  
Inhalation rat LC50 5.5 mg/L/4 h (mist)

Butene, homopolymer

Dermal rabbit LD50 >2000 mg/kg  
Oral rat LD50 >2000 mg/kg  
Inhalation rat LC50 4185 ppm, 4 h  
Dermal rat LD50 >2000 mg/kg

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Heptane

96 h LC50 Oncorhynchus mykiss >13.4 mg/L  
48 h EC50 Daphnia magna 3 mg/L  
72 h NOELR Pseudokirchneriella subcapitata 10 mg/L  
96 h LL50 fish >100 mg/L  
24-48 h EL50 invertebrates >10000 mg/L  
72 h NOEL algae >100 mg/L

Petroleum distillates

#### Biodegradation

Heptane is readily biodegradable.  
Petroleum Distillates (CAS 72623-87-1) are non-rapidly biodegradable (OECD TG 301 B).

#### Bioaccumulation

Heptane has a calculated BCF of >500 which suggests a potential for bioaccumulation.  
Petroleum Distillates (CAS 72623-87-1) have a log Kow of > 6 which suggests a potential for bioaccumulation.

#### Mobility in soil

Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

**Other adverse effects:** None known.

### 13. DISPOSAL CONSIDERATIONS

#### Disposal

Dispose in accordance with all local, state and federal regulations.

### 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	LTD QTY	Marine Pollutant (Heptane)
IATA	UN1950	Aerosols, flammable	2.1		

Footnote: Marine Pollutant designation is applicable only if shipped over water.



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**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:** Aspiration Hazard, Flammable (aerosols), Skin Irritation

**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 chemicals regulated under California Proposition 65.

#### 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: 3	Instability: 0
HMIS Rating:	Health: 2	Fire: 3	Physical Hazard: 0

Date of Revision: March 31, 2025

Date of Previous Revision: September 4, 2024

Revision History:

6/1/15: Converted to GHS format. All section revised

11/7/17: Updated emergency telephone #

9/4/24: Reviewed all sections to ensure they are up to date

3/31/25: Added Article Numbers to Section 1

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.