



CASTOR 927

Released: 2016-05-06

Version: 1.1R
Revision Date: 2016-5-6

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

1.1 Product Identifier

Trade Name: Castor 927
Product Number: 23916, 23901, 23964, 23505, 23055

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Lubricant
None known

Restrictions on Use:

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
Information Phone Number: +1 619 449 5000
E-mail: info@maximausa.com

1.4 Emergency Telephone Number

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

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

GHS/CLP (1272/2008) Classification:

Skin Irritant Category 2 (H315)
Skin Sensitizer Category 1 (H317)
Eye Irritant Category 2 (H319)
Aquatic Chronic Toxicity Category 3 (H412)

2.2 Label Elements

Warning!



Contains Multifunctional Additive Mixture

Hazard Statements	Precautionary Phrases
H315 Causes skin irritation	P261 Avoid breathing mist, vapors or spray.



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<p>H317 May cause an allergic skin reaction H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.</p>	<p>P264 Wash thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P333 + P313 If skin irritation or rash occurs: Get medical attention. P362 + P364 Take off contaminated clothing and wash it before reuse. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention. None P501 Dispose of contents and container in accordance with local and national regulations.</p>
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2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Chemical Name	CAS#	EINECS#	GHS/CLP Classification	% w/w
Castor Oil	8001-79-4	232-293-8	Not classified as hazardous	50-70
Modified Fatty Acid Ester	Proprietary	Proprietary	Not classified as hazardous	<50
Multifunctional Additive Mixture	Mixture	Mixture	Skin Sensitizer 1 (H317) Skin Irritation 2 (H315) Eye Irrit 2 A (H319) STOT SE 3 (H336) Aquatic Chronic 2 (H411)	10-<20

The exact percentage and composition are being withheld as a trade secret

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye: Flush eyes with water for several minutes. Remove contact lenses, if present and easy to do



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so. If eye irritation persists, get medical attention.

Skin: Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.

Inhalation: If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.

Ingestion: If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: Causes eye and skin irritation. May cause allergic skin reaction. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is not required.

SECTION 5: FIRE AND EXPLOSION DATA

5.1 Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: This material will burn although it is not easily ignited.

Combustion Products: Combustion will produce carbon and nitrogen oxides and unidentified organic compounds.

5.3 Advice for Fire-Fighters:

Special Fire Fighting Procedures: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate protective equipment. Wash thoroughly after handling. See also: "Personal Protection "section 8.

6.2 Environmental Precautions:

Avoid release into the environment. Report spill as required by local and federal regulations.

6.3 Methods and Material for Containment and Cleaning Up:

Dike spill and collect with an inert absorbent. Place into closable containers for disposal. Collected material is handled in accordance with section 13 "Disposal Considerations".



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6.4 Reference to Other Sections: Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Wash thoroughly after handling. Remove oil-soaked clothing and laundry before re-use.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a cool area away from oxidizing agents. Protect containers from physical damage.

7.3 Specific end use(s): None specified

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters: Refer to country-specific legislation for specific requirements where not listed below.

Chemical Name	Exposure Limits
Castor Oil	None Established
Modified Fatty Acid Ester	None Established
Multifunctional Additive Mixture	None Established

8.2 Exposure Controls:

Appropriate Engineering Controls: Use with adequate local exhaust ventilation to minimize exposure. Use explosion proof equipment where required.

Respiratory Protection: If the exposure is excessive or irritation is experienced, an approved particulate/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 local regulations and good industrial hygiene practice.

Skin Protection: Wear impervious gloves in accordance with EN 374 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.

Eye Protection: Wear chemical goggles in accordance with EN 166 to prevent eye contact.

Other Protective Equipment: None should be needed under normal use conditions. In Europe follow EN 13034.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Appearance	Liquid
Color	Amber
Odor	Faint, sweet odor
Odor Threshold	No data available
pH	No data available
Freezing Point	No data available
Boiling Point	450°F (232.2°C)
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper Explosion Limit	No data available
Lower Explosion Limit	No data available
Vapor Pressure	<0.01 mmHg @ 100°F
Vapor Density (Air=1)	>1
Relative Density	0.9-0.95 @ 15.6°C
Solubility	Soluble in alcohols and hydrocarbons; 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)	0%
Viscosity	800 SUS @ 40°C (172 cSt @ 40°C)

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not expected to be reactive

10.2 Chemical Stability: Stable

10.3 Possibility of Hazardous Reactions: None known.

10.4 Conditions to Avoid: None known.

10.5 Incompatible Materials: Avoid contact with strong oxidizing agents.



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10.6 Hazardous Decomposition Products: Thermal decomposition may produce carbon and nitrogen oxides and unidentified organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye Contact: Causes eye irritation with redness, tearing and pain.

Skin Contact: May cause irritation, with redness, itching or dryness. May cause an allergic skin reaction.

Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness and nausea.

Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.

Acute Toxicity Values:

Castor Oil: Oral rat LD50 >5000 mg/kg,

Modified Fatty Acid Ester: Oral rat LD50 >5000 mg/kg

Multifunctional Additive Mixture: Oral rat LD50 >5000 mg/kg, Dermal rabbit LD50 >2000 mg/kg

Skin corrosion/irritation: Product is classified as a skin irritant.

Eye damage/irritation: Product is classified as an eye irritant.

Respiratory Irritation: No data available for mixture. Components are not respiratory irritants.

Respiratory Sensitization: No data available for mixture. Components are not respiratory sensitizers.

Skin Sensitization: This product is classified as a skin sensitizer. Multifunctional additive mixture has been found to cause sensitization.

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

Carcinogenicity: None of the components of this product present at 0.1% or greater are listed as carcinogens by IARC, NTP or the EU CLP.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Aspiration Hazard: This product does not meet the criteria of an aspiration hazard.

Specific Target Organ Toxicity:

Single Exposure: No data available



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Repeat Exposure: No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Castor Oil: 96 hr EC50 danio rerio >1000 mg/L, 48 hr EC50 daphnia magna 9.3 mg/L

This product is harmful to aquatic life with long lasting effects. Releases to the environment should be avoided.

12.2 Persistence and Degradability: Castrol is readily biodegradable. Multifunctional additive mixture is not readily biodegradable

12.3 Bioaccumulative Potential: Castrol has a BCF of <10 which suggests the potential for bioaccumulation is low.

12.4 Mobility in Soil: No data available

12.5 Results of PBT and vPvB Assessment: Components do not meet the criteria of PBT or vPvB.

12.6 Other Adverse Effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

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

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT	None	Not Regulated	None	None	
Canadian TDG	None	Not Regulated	None	None	
EU ADR/RID	None	Not Regulated	None	None	
IMDG	None	Not Regulated	None	None	
IATA/ICAO	None	Not Regulated	None	None	

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable – product is transported only in packaged form



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SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

This SDS conforms to Regulation (EU) No. 1907/2006 and 2015/830.
Label in accordance with Regulation (EC) No. 1272/2008 (CLP).

SECTION 16: OTHER INFORMATION

Supersedes: None
Date Updated: May 6, 2016
Revision Summary: New document.

GHS Classification for Reference (See Sections 2 and 3):

- Aquatic Chronic 2 Aquatic Chronic Toxicity Category 2
- Skin Irrit. 2 Skin Irritation Category 2
- Skin sens 1 Skin Sensitizer Category 1
- Eye Irrit 2 A Eye Irritant Category 2A
- STOT SE 3 Specific Target Organ Toxicity – Single Exposure Category 3
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

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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.