SXS SYNTHETIC GEAR OIL

Version: 1.0
Released: 2015-07-10 Revision Date: 2020-01-29

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: SXS Synthetic Gear Oil 75W-140, 75W-90

Article Number: 40-46901, 40-46505, 40-46055, 40-48901, 40-48505, 40-48055

Applications: Synthetic Gear Oil

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

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Sensitizer Category 1B

GHS Pictogram

Signal Word **Danger!**

Hazard Statements H317 May cause an allergic skin reaction.

Precautionary Statements

Prevention P261 Avoid breathing dust/fume/ gas/mist/vapors/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.

Response P302 + P352 IF ON SKIN: Wash with 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.

Storage None

Disposal P501 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
Synthetic base oils	40-60	68037-01-4
Olefin Sulfide	1-5	Proprietary
Phosphoric acid esters, amine salt	1-5	Proprietary

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

4. FIRST-AID MEASURES

Inhalation	If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.
Skin Contact	Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.
Eye Contact	Flush eyes with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, 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.
Most Important Symptoms	May cause mild eye irritation. Prolonged skin contact may cause irritation. May cause an allergic skin reaction. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Indication of Immediate Medical Attention Needed	Immediate medical attention is not required.
Notes to Physician	Treat appropriately

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
Specific Hazards Arising From The Chemical	This material will burn although it is not easily ignited. Combustion will produce carbon oxide and unidentified organic compounds.
Special Protective Equipment And Precautions For Fire-Fighters	Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective equipment. Wash thoroughly after handling. 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	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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7. HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin, eyes and clothing. Avoid breathing vapors and mists. Wear protective clothing and equipment. Wash thoroughly with soap and water after handling. Remove oil-soaked clothing and launder before re-use.
Conditions for Safe Storage	Store in a cool area away from oxidizing agents. Protect containers from physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	Synthetic base oils, aerosols (thoracic fraction)	5 mg/m^3 TWA Manufacturer
	Olefin sulfide	None Established
	Phosphoric acid esters, amine salt	None Established
Appropriate Engineering Controls	Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.	
Personal Protection		
Respiratory Protection:	None needed under normal use conditions with adequate ventilation. 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:	No special protective clothing is normally required. If there is a potential for prolonged skin contact, wear a long sleeved shirt and apron. Neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.	
Hand Protection:	Use nitrile or neoprene gloves.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Amber to yellow
Odor	No data available
Odor Threshold	No data available
pH	No data available
Freezing Point	No data available
Boiling Point	No data available

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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	No data available
Vapor Density (Air=1)	No data available
Relative Density	No data available
Solubility	Soluble in 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)	No data available
Viscosity	>20.5 cSt @ 40°C

10. STABILITY AND REACTIVITY

Reactivity	Not expected to be reactive.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Avoid temperatures over 120°F, open flames and sparks.
Incompatible Materials	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Product	Thermal decomposition may produce carbon oxides and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards
Eye Contact: May cause mild irritation.
Skin Contact: Prolonged or repeated contact may cause mild irritation or dryness. Repeated skin contact may cause dermatitis. May cause an allergic skin reaction.
Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract. Breathing high concentrations of oil mists may cause lung damage.
Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.
Chronic Effects of Overexposure: Used motor oils have been found to cause skin cancer in skin painting studies with laboratory animals.

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Sensitization: The product is classified as a skin sensitizer. Olefin sulfide and phosphoric acid esters, amine salt are classified as skin sensitizers.
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 major components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Acute Toxicity:

Synthetic base oils	Oral rat LD50 >5000 mg/kg, Inhalation rat LC50 >5.2 mg/L/4 hr, Dermal rabbit LD50 >2000 mg/kg
Olefin sulfide	ATEmix, oral: > 10,000 mg/kg
Phosphoric acid ester, amine salt	

12. ECOLOGICAL INFORMATION

Ecotoxicity

Synthetic base oils	96 hr LL50 Oncorhynchus mykiss >1000 mg/L, 48 hr EL50 Daphnia magna >1000 mg/L, 72 hr EL50 Scenedesmus capricornutum 1000 mg/L
Olefin sulfide	LC50 fish NA, 2 d EC50 Daphnia magna 63 mg/L, 3 d EC50 algae > 100 mg/l
Phosphoric acid ester, amine salt	4 d LC50 Fathead Minnow 8.5 mg/L, 48, 2 d EC50 Daphnia magna 91.4 mg/L, 4 d EC50 Selenastrum capricornutum 6.4 mg/L

Biodegradation Synthetic base oils: Not readily degradable, but regarded as inherently biodegradable.
Olefin sulfide: Not readily degradable (13%, 28 d, OECD TG 301 B).
Phosphoric acid ester, amine salt: Not readily degradable (7.4%, 28 d, OECD TG 301 B).

Bioaccumulation Synthetic base oils are not expected to bioaccumulate.
Olefin sulfide has a log Kow of 6 (measured) which suggests a potential for bioaccumulation.
Phosphoric acid ester, amine salt: No data available

Mobility in soil The product is not water soluble (floats on water) and may be adsorbed to soil particles.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

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

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14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

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: Respiratory or Skin Sensitization
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:
This product can expose you to chemicals including:
Methyl isobutyl ketone (<7.00PPM) which is known to the State of California to cause cancer and birth defects or other reproductive harm.
This product can expose you to chemicals including:
Cumene (<29.00PPM) Ethyl benzene (<29.00PPM) Ethyl acrylate (<5.00PPM)
Naphthalene (<549.00PPB) which are known to the State of California to cause cancer.

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: 1	Instability: 0
HMIS Rating:	Health: 2	Fire: 1	Physical Hazard: 0

Date of Revision: January 29, 2020
Date of Previous Revision: N/A

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Revision History:
1/29/20: 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.