



# SXS SYNTHETIC GEAR OIL 75W-140

Released: 2020-01-24

Version: 1.0  
Revision Date: 2020-01-29

## 1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

### 1.1 Product Identifier

**Trade Name:** SXS Synthetic Gear Oil 75W-140  
**Product Number:** 40-46901, 40-46505

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

**Product Use:** Full synthetic, ester based gear oil

**Restrictions on Use:** None known

### 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](mailto: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

#### CLP (1272/2008) Classification:

The mixture is not classified as hazardous according to Regulation (EC) CLP (1272/2008)

### 2.2 Label Elements

Hazard Statements	Precautionary Phrases
None	None

EUH Statements
EUH210 (Safety data sheet available on request)
EUH208 (Contains di-tert-Bu polysulfides and reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl. May produce an allergic reaction.

### 2.3 Other Hazards: None



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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixture

Chemical Name	CAS#	EINECS#	REACH registration#	CLP Classification	% w/w
Synthetic base oils	68037-01-4	500-183-1	01-2119486452-34-xxxx	Aspiration Toxicity 1 (H304)	40-60
di-tert-Bu polysulfides <sup>1</sup>	68937-96-2	273-103-3	01-2119540515-43-xxxx	Skin Sensitisation 1 (H317) Aquatic Chronic 3 (H412)	1-5
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14-tert-alkyl <sup>2</sup>	-	931-384-6	01-2119493620-38-xxxx	Eye Dam. 1 (H318) Acute Tox. 4 (H302) Skin Sensitisation 1B (H317) Aquatic Chronic 2 (H411)	1-5

Note 1. This substance has a specific concentration limit such that classification as H317 applies if the concentration is above 46%.

Note 2. This substance has specific concentration limits such that classification as H317 applies if the concentration is above 9.4%. Furthermore classification as H318 applies if the concentration is above 50%.

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 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.



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**4.2 Most Important symptoms and effects, both acute and delayed:** May cause mild eye irritation. Prolonged skin contact may cause irritation. The product contains small amounts of two sensitizers, may cause dermatitis in sensitive individuals. Inhalation of vapours or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**4.3 Indication of any immediate medical attention and special treatment needed:** As a general rule, and in all cases of doubt or when symptoms persist, always seek medical attention. Never give anything by mouth to an unconscious person.

### SECTION 5: FIRE AND EXPLOSION DATA

**5.1 Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) 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 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 national 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".

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



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## SECTION 7: HANDLING AND STORAGE

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

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

**7.3 Specific end use(s):** The product is to be used as a gear oil. Prolonged contact with the skin should be prevented due to the risk of skin dryness, cracking and allergic dermatitis. If inhalation of high concentrations of vapours and mists cannot be prevented appropriate personal protective equipment should be used.

## 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
Synthetic base oils, aerosols (thoracic fraction)	5 mg/m <sup>3</sup> TWA Manufacturer
di-tert-Bu polysulfides	None Established
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl	None Established

### 8.2 Exposure Controls:

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

**Respiratory Protection:** If the exposure is excessive or irritation is experienced, an approved particulate/organic vapour 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 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
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

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: Avoid temperatures over 50°C, open flames and sparks.

10.5 Incompatible Materials: Avoid contact with strong oxidising agents.



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

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on Toxicological Effects:

##### Potential Health Effects:

**Eye Contact:** May cause mild irritation.

**Skin Contact:** Prolonged or repeated contact may cause mild irritation or dryness. Repeated skin contact may cause non-allergic dermatitis. May cause allergic dermatitis in sensitive individuals.

**Inhalation:** Excessive inhalation of vapours or mists may cause upper respiratory tract irritation.

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

**Chronic Effects of Overexposure:** Used motor oils have been found to cause skin cancer in skin painting studies with laboratory animals.

##### Acute Toxicity Values:

Synthetic Base Oils: Oral rat LD50 >5000 mg/kg, Inhalation rat LC50 >5.2 mg/L/4 hr, Dermal rabbit LD50 >2000 mg/kg

di-tert-Bu polysulfides and reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl: ATEmix, oral: > 10,000 mg/kg

**Skin corrosion/irritation:** The product does not meet the criteria to be classified as a skin irritant.

**Eye damage/irritation:** The product does not meet the criteria to be classified as an eye irritant.

**Respiratory Irritation:** The product does not contain any components that are respiratory irritants.

**Respiratory Sensitization:** The product does not contain any components that are respiratory sensitisers.

**Skin Sensitization:** The product contains small amounts of two skin sensitisers. May cause allergic dermatitis in sensitive individuals.

**Germ Cell Mutagenicity:** The product does not contain any components that are 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.



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Single Exposure: No data available

Repeat Exposure: No data available

**Aspiration Hazard:** This product does not meet the criteria of an aspiration hazard as the kinematic viscosity exceeds 20.5 cSt @ 40°C.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

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  
di-tert-Bu polysulfides: LC50 fish NA, 2 d EC50 Daphnia magna 63 mg/L, 3 d EC50 algae > 100 mg/l  
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl: 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

### 12.2 Persistence and Degradability

Synthetic Base Oils: Not readily degradable, but regarded as inherently biodegradable.  
di-tert-Bu polysulfides: Not readily degradable (13%, 28 d, OECD TG 301 B).  
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl: Not readily degradable (7.4%, 28 d, OECD TG 301 B).

### 12.3 Bioaccumulative Potential

Synthetic Base Oils: not expected to bioaccumulate.  
di-tert-Bu polysulfides: has a log Kow of 6 (measured) which suggests a potential for bioaccumulation.  
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl: no data available.

### 12.4 Mobility in Soil

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

**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 and national regulations.

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	<b>14.1 UN Number</b>	<b>14.2 UN Proper Shipping Name</b>	<b>14.3 Hazard Class(s)</b>	<b>14.4 Packing Group</b>	<b>14.5 Environmental Hazards</b>
<b>EU ADR/RID</b>	None	Not Regulated	None	None	
<b>IMDG</b>	None	Not Regulated	None	None	
<b>IATA/ICAO</b>	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**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:** N/A**Date Updated:** January 29, 2020**Revision Summary:**

1/29/20: New document

**CLP Classification for Reference (See Sections 2 and 3):**

Acute Tox. 4 Acute Toxicity Category 4  
 Asp. Tox. 1 Aspiration Toxicity Category 1  
 Skin Sens. 1/1B Skin Sensitisation Category 1/1B  
 Eye Dam. 1 Eye Damage Category 1  
 Aquatic Chronic 2 Aquatic Chronic Category 2  
 Aquatic Chronic 3 Aquatic Chronic Category 3  
 H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways  
 H317 May cause an allergic skin reaction  
 H318 Causes serious eye damage.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful 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.