



Prepared according to 29CFR 1910.1200.

1	Chemical Product and Company Identification
<p style="text-align: center;">JOE GIBBS DRIVEN 13201 REESE BLVD. WEST HUNTERSVILLE, NC 28078 PHONE: 866-611-1820</p>	
Product Trade Name	SEMI SYN RACE OIL XP5, 12 X 1 QT/CS
CAS Number	Not applicable for mixtures.
Synonyms	None.
Generic Chemical Name	Mixture.
Product Type	Multipurpose.
Preparation/Revision Date	11 March 2010
Transportation Emergency Phone No.	FOR TRANSPORT EMERGENCY call CHEMTREC: (+1) 703-527-3887 (outside the U.S.), 1-800-424-9300 (in the U.S.)
MSDS No.	39667899-8111973-4038011-102103
2	Hazards Identification
Appearance	Dark amber liquid.
Odor	Mild
Principal Hazards	<ul style="list-style-type: none"> This material has no known health hazards.
See Section 11 for complete health hazard information.	
3	Composition/Information on Ingredients
Hazardous Ingredients	This material has no known hazards under applicable laws.
4	First Aid Measures
Eyes	Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.
Skin	Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
Inhalation	Remove exposed person to fresh air if adverse effects are observed.
Oral	DO NOT INDUCE VOMITING. Get immediate medical attention.
Additional Information	Note to physician: Treat symptomatically.
5	Fire Fighting Measures
Flash Point	212 °C, 413.6 °F PMCC (Typical)
Extinguishing Media	CO2, dry chemical, or foam. Water can be used to cool and protect exposed material.
Firefighting Procedures	Recommend wearing self-contained breathing apparatus. Water may cause splattering.
Unusual Fire & Explosion Hazards	None known.
6	Accidental Release Measures
Spill Procedures	Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.
7	Handling and Storage
Pumping Temperature	15 °C, 59 °F
Maximum Handling Temperature	70 °C, 158 °F
Handling Procedures	Keep containers closed when not in use. Wash thoroughly after handling. Empty container contains product residue which

SEMI SYN RACE OIL XP5, 12 X 1 QT/CS

	may exhibit hazards of product.
Maximum Storage Temperature	Not determined.
Storage Procedures	Odorous and toxic fumes may form from the decomposition of this product if stored at temperatures in excess of 113 deg F (45 deg C) for extended periods of time or if heat sources in excess of 250 deg F (121 deg C) are used.
Loading Temperature	Not determined.

8	Exposure Controls/Personal Protection
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Exposure Limits	None established
Other Exposure Limits	Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.
Engineering Controls	Use with adequate ventilation.
Gloves Procedures	Nitrile.
Eye Protection	Safety Glasses.
Respiratory Protection	Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Clothing Recommendation	Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

9	Physical and Chemical Properties
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Flash Point	212 °C, 413.6 °F PMCC (Typical)
Upper Flammable Limit	Not determined.
Lower Flammable Limit	Not determined.
Autoignition Point	Not determined.
Explosion Data	Material does not have explosive properties.
Vapor Pressure	Not determined.
pH	Not determined.
Specific Gravity	0.87 (51.6 °C)
Bulk Density	Not determined.
Water Solubility	Insoluble.
Percent Solid	Not determined.
Percent Volatile	Not determined.
Volatile Organic Compound	Not determined.
Vapor Density	Not determined.
Evaporation Rate	Not determined.
Odor	Mild
Appearance	Dark amber liquid.
Viscosity	150 Centistokes (40 °C) 18 Centistokes (100 °C)
Odor Threshold	Not determined.
Boiling Point	Not determined.
Pour Point Temperature	-33 °C, -27 °F
Melting / Freezing Point	Not determined.

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

10	Stability and Reactivity
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Stability	Material is normally stable at room temperature and pressure. See the Handling and Storage Section for further details.
Decomposition Temperature	Not determined.
Incompatibility	Oxidizing agents.
Polymerization	Will not occur.
Thermal Decomposition	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Hydrogen sulfide and alkyl mercaptans and sulfides may also be released. Hydrogen sulfide may also be released.
Conditions to Avoid	Not determined.

11	Toxicological Information
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-- ACUTE EXPOSURE --

Eye Irritation	Not expected to cause eye irritation. Based on data from components or similar materials.
Skin Irritation	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and

SEMI SYN RACE OIL XP5, 12 X 1 QT/CS

Respiratory Irritation

cracking of the skin.

If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.

Dermal Toxicity

The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.

Inhalation Toxicity

No data available to indicate product or components may be a toxic inhalation hazard.

Oral Toxicity

The LD50 in rats is > 10,000 mg/Kg. Based on data from components or similar materials.

Dermal Sensitization

No data available to indicate product or components may be a skin sensitizer.

Inhalation Sensitization

No data available to indicate product or components may be respiratory sensitizers.

-- CHRONIC EXPOSURE --

Chronic Toxicity

No data available to indicate product or components present at greater than 1% are chronic health hazards.

Carcinogenicity

This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

Mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive Toxicity

No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

Teratogenicity

No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

-- ADDITIONAL INFORMATION --

Other

No other health hazards known.

12	Ecological Information
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-- ENVIRONMENTAL TOXICITY --

Freshwater Fish Toxicity

The acute LC50 is 100 - 1000 mg/L based on component data.

Freshwater Invertebrates Toxicity

Not determined.

Algal Inhibition

Not determined.

Saltwater Fish Toxicity

Not determined.

Saltwater Invertebrates Toxicity

Not determined.

Bacteria Toxicity

Not determined.

Miscellaneous Toxicity

Not determined.

-- ENVIRONMENTAL FATE --

Biodegradation

At least 25% of the components in this product show moderate biodegradation based on OECD 301-type test data. At least 25% of the components in this product show moderate biodegradation based on OECD 302-type test data.

Bioaccumulation

Less than 1.0% of the components potentially bioconcentrate, based on octanol/water coefficients.

Soil Mobility

Not determined.

13	Disposal Considerations
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Waste Disposal

This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14	Transport Information
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ICAO/IATA I

Not regulated.

ICAO/IATA II

Not regulated.

IMDG

Not regulated.

IMDG EMS Fire

Not applicable.

IMDG EMS Spill

Not applicable.

IMDG MFAG

Not applicable.

MARPOL Annex II

Not determined.

USCG Compatibility

Not determined.

U.S. DOT Bulk

Not regulated.

DOT NAERG

Not applicable.

U.S. DOT (Intermediate)

Not regulated.

U.S. DOT Intermediate NAERG

Not applicable.

U.S. DOT Non-Bulk

Not regulated.

U.S. DOT Non-Bulk NAERG

Not applicable.

Canada

Not regulated.

Mexico

Not regulated.

Bulk Quantity

85000 KG, 187391 lbs.

Intermediate Quantity

11000 KG, 24251 lbs.

Non-Bulk Quantity

400 KG, 882 lbs.

Review classification requirements before shipping materials at elevated temperatures.

15	Regulatory Information								
-- Global Chemical Inventories --									
USA	All components of this material are on the US TSCA Inventory or are exempt.								
Other TSCA Reg.	None known.								
EU	All components are in compliance with the EC Seventh amendment Directive 92 /32/EEC.								
Japan	All components are in compliance with the Chemical Substances Control Law of Japan.								
Australia	All components are in compliance with chemical notification requirements in Australia.								
New Zealand	All components are in compliance with chemical notification requirements in New Zealand.								
Canada	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.								
Switzerland	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.								
Korea	All components are in compliance in Korea.								
Philippines	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).								
China	All components of this product are listed on the Inventory of Existing Chemical Substances in China.								
-- Other U.S. Federal Regulations --									
SARA Ext. Haz. Subst.	This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.								
SARA Section 313	From 0.5 to 1.5 percent zinc compounds; contains 0.1% as Zn.								
SARA 311 Classifications	<table> <tr> <td>Acute Hazard</td><td>No</td></tr> <tr> <td>Chronic Hazard</td><td>No</td></tr> <tr> <td>Fire Hazard</td><td>No</td></tr> <tr> <td>Reactivity Hazard</td><td>No</td></tr> </table>	Acute Hazard	No	Chronic Hazard	No	Fire Hazard	No	Reactivity Hazard	No
Acute Hazard	No								
Chronic Hazard	No								
Fire Hazard	No								
Reactivity Hazard	No								
CERCLA Hazardous Substances	None known.								
-- State Regulations --									
Cal. Prop. 65	This product contains the following chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components: < 0.05 ppm arsenic < 0.05 ppm cadmium < 0.05 ppm lead								
-- Product Registrations --									
U.S. Fuel Registration	Not applicable.								
Finnish Registration Number	Not Registered								
Swedish Registration Number	Not Registered								
Norwegian Registration Number	Not Registered								
Danish Registration Number	Not Registered								
Swiss Registration Number	Not Registered								
Italian Registration Number	Not Registered								
-- Other / International --									
Miscellaneous Regulatory Information	Not determined.								

16	Other Information								
US NFPA Codes	<table><tr><th>Health</th><th>Fire</th><th>Reactivity</th><th>Special</th></tr><tr><td>1</td><td>1</td><td>0</td><td>N/E</td></tr></table> <p>(N/E) - None established</p>	Health	Fire	Reactivity	Special	1	1	0	N/E
Health	Fire	Reactivity	Special						
1	1	0	N/E						
HMIS Codes	<table><tr><th>Health</th><th>Fire</th><th>Reactivity</th></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	Health	Fire	Reactivity	1	1	0		
Health	Fire	Reactivity							
1	1	0							
Precautionary Labels	<ul style="list-style-type: none">This material has no known health hazards.								
Revision Indicators	<div><div>Section: 14 U.S. DOT Intermediate shipping description. Section: 15 Australia. Section: 15 New Zealand Section: 16 HMIS codes.</div><div>Changed: 15 October 2009 Changed: 11 March 2010 Changed: 6 January 2010 Changed: 2 September 2009</div></div>								

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information

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contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.