

**SECTION 1 – PRODUCT IDENTIFICATION****Trade Names:** TexSyn Synthetic Hydraulic Oil**Product No:** CH453-0546TS**Suppliers Name:** Lonestar Maintenance Chemicals**Emergency Phone:** 1-800-721-2448**Address:** P.O. Box 844, Buna TX 77612**HFPA Rating: Health: 0 Flammability: 1 Reactivity: 0 Ratings:0=Least 1=Slight 2=Moderate 3=High 4=Extreme****SECTION 2 – HEALTH HAZARDS****Emergency Overview** May cause skin irritation**Appearance:** Straw. [light]**Odor:** Mild hydrocarbon**Hazardous statements:** NOT EXPECTED TO PRODUCE SIGNIFICAN ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLEWD.**Precautions:** No know significant effects or critical hazards. Avoid prolonged contact with eyes, skin and clothing.**OSHA/HCA Status:** While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.**Potential Health Effects:**

- **Skin:** No known significant effect are critical hazards
- **Eyes:** No known significant effect are critical hazards
- **Inhalation:** No known significant effect are critical hazards
- **Ingestion:** No known significant effect are critical hazards

**Potential Chronic Health Effects:**

- **Skin:** No known significant effect are critical hazards
- **Eyes:** No known significant effect are critical hazards
- **Inhalation:** No known significant effect are critical hazards
- **Ingestion:** No known significant effect are critical hazards

**Over-exposure signs/symptoms:**

- **Skin:** No Specific Data
- **Eyes:** No Specific Data
- **Inhalation:** No Specific Data
- **Ingestion:** No Specific Data

**Medical Conditions Generally Aggravated by Exposure:** None known**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS****There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section****SECTION 4 – FIRST AID MEASURES****Inhalation:** Move exposed person to fresh air. Get medical attention if symptoms occur.**Eye Contact:** Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.**Skin Contact:** After contact with skin, wash immediately with of plenty of soap and water. Get medical attention if symptoms occur.**Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur**Notes to physician:** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.**SECTION 5 – FIRE AND EXPLOSION DATA****Flammability of the product:** No specific fire or explosion hazard**Auto ignition Temperature:** not available**Extinguishing Media:**

Suitable: Use an extinguishing agent suitable for the surrounding fire

Not suitable: None Known

**Fire protective equipment for fire-fighter:** No special protection is required**Hazardous decomposition Products:** Decomposition products may include the following materials: carbon dioxide, carbon monoxide**SECTION 6 – ACCIDENTAL RELEASE MEASURES****Personal precautions:** Put on appropriate personal protective equipment**Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air)

Applied Maintenance Specialties, Inc.

Prepared by: SP

03/04/13

## MATERIAL SAFETY DATA SHEET

TexSyn Synthetic Hydraulic Oil

**Small Spills or leaks:** Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large Spills or leaks:** Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for deposit according to local regulations. Dispose of via a licensed waste disposal contractor. Note: See section 1 for emergency contact information and section 13 for waste disposal.

**SECTION 7 – SAFE HANDLING AND STORAGE**

**Precautions to be taken in handling:** Put on appropriate personal protective equipment (see section 8). Avoid contact with used products. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not reuse container.

**Precautions to be taken in storing:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Under conditions which may generate mists, the following exposure limits are recommended:

ACGIH TLV TWA: 5 mg/m<sup>3</sup>; 10 mg/ m<sup>3</sup>.

Consult local authorities for acceptable exposure limits.

<b>Respiratory Protection:</b>	Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Not required under normal conditions of use.	<b>Hands:</b>	Safety eyewear should be used when there is a likelihood of exposure. Not required under normal conditions of use. Recommended: Disposable vinyl gloves.
<b>Recommended monitoring procedures</b>	Personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and /or the necessity to use respiratory protective equipment.	<b>Engineering measures</b>	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<b>Eyes:</b>	Safety glasses or goggles and/or face shield are recommended	<b>Hygiene measures</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of the environmental protection legislation.
<b>Skin:</b>	No special protective clothing is required.	<b>Environmental exposure controls</b>	

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state:</b>	Liquid. [Fluid.]	<b>Appearance and odor:</b>	Straw. [Light], Mild hydrocarbon.
<b>Flash point:</b>	Open cup: 228 to 236° C (442.4 to 456.8° F) [Cleveland.]	<b>pH</b>	NA
<b>Flammable limits:</b>	NA	<b>Auto-ignition temperature:</b>	NA
<b>Boiling Point:</b>	NA	<b>Relative density:</b>	0.8483 to 0.8514
<b>Volatility:</b>	NA	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	NA
<b>Vapor Pressure (mm Hg):</b>	NA	<b>Viscosity:</b>	Kinematic: 0.096 to 0.125 cm <sup>2</sup> /s (9.6 to 12.5 cSt) (100°C) Kinematic: 0.48 to 0.687
<b>Vapor Density (Air = 1):</b>	NA	<b>Melting Point/Pour point:</b>	-46 to -44° C (-50.8 to -47.2° F)
<b>Solubility in Water:</b>	NA	<b>Evaporation Rate (Butyl Acetate = 1)</b>	NA

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:** Stable      **Conditions to avoid:** No specific data

**Materials to avoid:** Reactive or incompatible with the following materials: oxidizing materials and acids.

**Hazardous decomposition or Byproducts:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Hazardous polymerization:** Under normal conditions of storage and use, hazardous polymerization will not occur.

**SECTION 11–TOXICOLOGICAL INFORMATION**

No data for the product

**SECTION 12– ECOLOGICAL INFORMATION**

**Environmental effects:** Not established

**SECTION 13– DISPOSAL CONSIDERATIONS**

**Waste disposal:** The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled materials and runoff and contact with soil, waterways, drains and sewers. Empty containers or liners may retain some product residues. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to section 7: **HANDLING AND STORAGE** and section 8: **EXPOSURE CONTROLS/PERSONAL PROTECTION** for additional handling information and protection of employees.

**SECTION 14– TRANSPORTATION INFORMATION**

**DOT/TDG/IMDG/IATA:** Not regulated

**SECTION 15– REGULATORY INFORMATION**

<b>United States</b>	
<b>HCS Classification: NA</b>	Not regulated
<b>U.S. Federal regulations:</b>	<p><b>United States inventory (TSCA 8b):</b> Not determined. TSCA 8(d) H and S data reporting: Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts: 2006</p> <p><b>SARA 302/304/311/312 EXTREMELY HAZARDOUS SUBSTANCES:</b> No products were found.</p> <p><b>SARA 302/304 emergency planning and notification:</b> No products were found</p> <p><b>SARA 311/312 MSDS distribution – chemical inventory – hazard identification:</b> No products were found.</p> <p><b>Clean water act (CWA) 307:</b> Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts; Zinc bis(dinonylnaphthalenesulphonate)</p> <p><b>Clean water act (CWA) 311:</b> No products were found</p> <p><b>Clean Air Act (CAA) 112 accidental release prevention:</b> No products were found.</p> <p><b>Clean Air Act (CAA) 112 accidental flammable substances:</b> No products were found.</p> <p><b>Clean Air Act (CAA) 112 regulated toxic substances:</b> No products were found.</p>
<p><b>State regulations</b></p> <p><b>Massachusetts:</b></p> <p><b>New York:</b></p> <p><b>New Jersey:</b></p> <p><b>Pennsylvania:</b></p> <p><b>California Prop. 65</b> No products were found</p> <p><b>Canada</b> WHMIS (Canada) Canadian lists</p> <p>Canada inventory</p>	<p>None of the components are listed</p> <p>None of the components are listed</p> <p>None of the components are listed</p> <p>None of the components are listed</p> <p>Not controlled under WHMIS (Canada). CEPA Toxic substances: None of the components are listed. Canadian ARET: None of the components are listed. Canadian NPRI: The following components are listed: White mineral oil (petroleum)</p> <p><b>Alberta Designated Substances:</b> None of the components are listed. <b>Alberta Designated Substances:</b> None of the components are listed. <b>Alberta Designated Substances:</b> None of the components are listed.</p> <p>Not determined</p>
<b>International regulations</b> International lists:	<p><b>Australia Inventory (ASICS):</b> Not determined. <b>China Inventory (IECSC):</b> Not determined. <b>Japan Inventory:</b> Not determined <b>Korea Inventory:</b> Not determined. <b>New Zealand Inventory of Chemicals (NZIoC):</b> Not determined</p>

	Philippines Inventory (PICCS): Not determined.
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**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.**

**SECTION 16- OTHER INFORMATION**

<b>United States</b> <b>Label requirements:</b>  <b>Hazardous Material:</b> <b>Information System (U.S.A.)</b>	NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED
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NA= not available      NE= not established      ND= no data

The information for this MSDS was obtained from sources we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding accuracy and correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability or loss, damage or expense arising from it or in any way connected with the handling, use, and storage of the product. **LONESTAR MAINTENANCE CHEMICALS** assumes no responsibility of personal injury or property damage to vendees, user or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.