



**Issuing Date** February 15 2010

**Revision Number** 0

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name</b>	<b>Full Synthetic TC-W3 Two Stroke Engine Oil</b>
<b>Product Code(s)</b>	90256
<b>Recommended Use</b>	Two-stroke Engine Oil.
<b>Company</b>	Hicks Oil 845 N Hickory Du Quoin IL, 62832
<b>Manufactured by:</b>	Hicks Oils
<b>Company Emergency Phone Number</b>	(618) 542-5431
<b>Emergency Telephone Number</b>	Chemtrec 1-800-424-9300

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

The product contains no substances which at their given concentration are considered to be hazardous to health

<b>Appearance</b> Red Colored Liquid	<b>Physical State</b> Viscous liquid	<b>Odor</b> Mild petroleum odor, Petroleum solvent
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**Potential Health Effects**

**Principle Routes of Exposure** Skin contact, ingestion, inhalation or injection

**Acute Toxicity**

**Eyes** Can be irritating to eyes. If contact occurs, flush with water for 30 minutes. Get medical attention if eye irritation persists.

**Skin** Avoid excessive contact with skin. Always wash skin and soiled clothing with soap and water after exposure.

**Inhalation** Remove exposed person to fresh air if adverse effects are observed.

**Ingestion** Do not induce vomiting. Get medical attention.

**Chronic Effects**

**Environmental Hazard** Always use proper personal protective equipment for petroleum based products if a spill occurs.

Quarantine affected area, prevent spill from entry into sewers and waterways. Pick up free and residual liquid for proper disposal and/or recycling.

Always follow proper local, state, and federal guidelines for clean up and disposal for motor oil and other petroleum products.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Common Name** Synthetic hydrocarbon lubricating fluid.

**Chemical Family** Petroleum hydrocarbon mixture.

**4. FIRST AID MEASURES**

**General Advice** No hazards which require special first aid measures.

**Eye Contact** Flush eyes for 30 minutes with water. Get medical attention if irritation persists.

**Skin Contact** Wash off immediately with soap and plenty of water.

**Inhalation** Move exposed persons to fresh air. Consult medical personal if breathing issues occur.

**Ingestion** Do NOT induce vomiting. Consult a physician.

**5. FIRE-FIGHTING MEASURES**

**Flammable Properties** Product has a flash point of 86C. Because of this flash point, this material is considered combustible.

**Flash Point** Flash point: 86C

**Suitable Extinguishing Media** Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam. Water can be used to keep surrounding materials cool.

**Large Fires** Contact emergency personnel

**Explosion Data**

<b>NFPA</b>	<b>Health Hazard -</b>	<b>Flammability -</b>	<b>Stability -</b>	<b>Physical and Chemical Hazards -</b>
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**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Avoid contact with the skin and the eyes. Eye protection or face shield should be used if material is used under conditions that increase the chances of splattering. Wash skin with soap and water if contact occurs. Launder soiled clothing. If spilled, take caution, as material can cause surfaces to become very slippery.

**Methods for Containment** Cover with earth, sand, or other non-combustible material followed with plastic sheets to minimize spreading or contact with rain.

**Methods for Cleaning Up** Excess liquid material can be collected using a scoop or shovel and stored for recycling or disposal. Prevent material from entering drains or waterways.

**7. HANDLING AND STORAGE**

**Handling** Avoid contact with skin, eyes and clothing. Eye protection or face shield should be used if material is used under conditions that increase the chances of splattering. If contact is made, wash skin with soap and water. Launder soiled clothing. Maximum handling temperature is 70 degrees C (158 F). It is recommended to pump or transfer material at ambient temperature.

**Storage** Keep away from heat and sources of ignition. Keep containers closed when not in use. Follow first aid measures if contact occurs, and spill procedures if spill occurs. For packaged material: Store in a cool dry area. For bulk material: store in cool dry area. Always follow local, state, and federal guidelines for storage of material for amount stored.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7			
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4			
Residual oils (petroleum), solvent refined 64742-01-4			

**Personal Protective Equipment****Eye/Face Protection**

If splashes are likely to occur, wear: Goggles. Eye/Face Protection.

**Skin and Body Protection**

Long sleeved clothing. Protective gloves can be worn, if material comes in contact with skin wash with soap and water.

**Hygiene Measures**

Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Red Colored Liquid	<b>Odor</b>	Mild petroleum odor, Petroleum solvent
<b>Physical State</b>	Viscous liquid	<b>Autoignition Temperature</b>	No information available
<b>Flash Point</b>	Flash point: 86C	<b>Flammability Limits in Air</b>	No information available
<b>Boiling Point/Range</b>	No information available		
<b>Explosion Limits</b>	No information available		
<b>Solubility</b>	No information available	<b>Evaporation Rate</b>	No information available
<b>Vapor Pressure</b>	No information available	<b>Vapor Density</b>	No information available.
<b>Viscosity</b>	Viscosity at 40C (ASTM D-445), cSt: 22.0 - 150.0 Viscosity at 100C (ASTM D-445), cSt: 4.5 - 18.8		

## 10. STABILITY AND REACTIVITY

**Stability** Stable under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, hydrotreated heavy paraffinic	2000 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	2.18 mg/L ( Rat ) 4 h
Petroleum distillates, solvent-refined heavy paraffinic	5000 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	2.18 mg/L ( Rat ) 4 h
Residual oils (petroleum), solvent refined	5000 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	2.18 mg/L ( Rat ) 4 h

**Chronic Toxicity**

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, hydrotreated heavy paraffinic		Group 1		X

Petroleum distillates, solvent-refined heavy paraffinic		Group 1		X
Residual oils (petroleum), solvent refined		Group 1		X

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Petroleum distillates, hydrotreated heavy paraffinic		LC50> 5000 mg/L Pimephales promelas 96 h		EC50 > 1000 mg/L 48 h
Petroleum distillates, solvent-refined heavy paraffinic		LC50> 5000 mg/L Oncorhynchus mykiss 96 h		EC50 > 1000 mg/L 48 h
Residual oils (petroleum), solvent refined		LC50> 5000 mg/L Pimephales promelas 96 h		EC50 > 1000 mg/L 48 h

**13. DISPOSAL CONSIDERATIONS**

Chemical Name
Petroleum distillates, hydrotreated heavy paraffinic - 64742-54-7
Petroleum distillates, solvent-refined heavy paraffinic - 64741-88-4
Residual oils (petroleum), solvent refined - 64742-01-4

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Petroleum distillates, hydrotreated heavy paraffinic - 64742-54-7				
Petroleum distillates, solvent-refined heavy paraffinic - 64741-88-4				
Residual oils (petroleum), solvent refined - 64742-01-4				

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies

<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Does not Comply
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

**CERCLA**

**U.S. State Regulations**

**International Regulations**

**Mexico - Grade** No information available.

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

NFPA	HMIS	PPE	Transport Symbol

**Issuing Date** February 15 2010

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**Revision Note** No information available.

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**