Sind Motorcraft.

## Issue Date: 21/07/2015

# Hoja de Datos de Seguridad

Version: 01

sue Date: 21/07/2015			Version: 01
1. IDENTIFICATION			
PRODUCT IDENTIFIER:	SAE 5W-50 Full Synthetic Motor Oil		
OTHER MEANS OF IDENTIFICATION			
FIR NO.	192213		
RECOMMENDED USE:	Gasoline engine service fill motor oil		
RECOMMENDED RESTRICTIONS	None known.		
MANUFACTER/IMPORTER/SUPPLIER/			
DISTRIBUTOR INFORMATION			
COMPANY NAME	Ford Motor Company		
ADRESS	Attention: SDS Information, P.O. Box 1899		
	Dearborn, Michigan 48121		
	USA		
TELEPHONE	1-800-392-3673 1-800-448-2063		
MSDS INFORMATION	msds@brownart.com		
EMERGENCY TELEPHONE NUMBER	Poison Control Center: USA and Canada: 1-	300-050-3673	
EMERGENCE TELEPHONE NUMBER	INFOTRAC (Transportation): USA and Canada.		
2. HAZARD(S) IDENTIFICATION			
Physical hazards:	Not classified.		
Health hazards:	Not classified.		
Environmental hazards:	Not classified.		
OSHA defined hazards:	Not classified.		
Label elements			
Hazard symbol:	None.		
Signal Word:	None.		
Hazard statement:	The mixture does not meet the criteria for c	lassification.	
Precautionary statement Prevention:	Observe good industrial hygians practices		
Response:	Observe good industrial hygiene practices. Wash hands after handling.		
Storage:	Store away from incompatible materials.		
Disposal:	Dispose of waste and residues in accordance	e with local authority requirements	
Hazard(s) not otherwise	May cause irritation of respiratory tract. May		
classified (HNOC):			
Supplemental information:	None.		
3. COMPOSITION / INFORMATION ON	INGREDIENTS		
Chemical name	Common name and synonyms	CAS number	%
Substituted dithiophosphoric acid, zinc salts		Trade Secret	1 - < 3
4. FIRST-AID MEASURES			
INHALATION	Move to fresh air. Call a physician if sympto	ms develop or persist.	
SKIN CONTACT	Remove contaminated clothing immediately develops and persists.	and wash skin with soap and water. Ge	t medical attention if irritation

**EYE CONTACT** Rinse with water. Get medical attention if irritation develops and persists.

**INGESTION** Rinse mouth. Get medical attention if symptoms occur.

**MOST IMPORTANT** Direct contact with eyes may cause temporary irritation.

Treat symptomatically.

SYMPTOMS/EFFECTS, ACUTE AND DELAYED

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

**GENERAL INFORMATION** 

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE-FIGHTING MEASURES	
SUITABLE EXTINGUISHING MEDIA	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
UNSUITABLE EXTINGUISHING MEDIA	Do not use water jet as an extinguisher, as this will spread the fire.
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	During fire, gases hazardous to health may be formed. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
FIRE FIGHTING EQUIPMENT/INSTRUCTIONS	Move containers from fire area if you can do so without risk.
SPECIFIC METHODS	Use standard firefighting procedures and consider the hazards of other involved materials.
GENERAL FIRE HAZARDS	No unusual fire or explosion hazards noted.
6. ACCIDENTAL RELEASE MEA	SURES
PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	Keep unnecessary personnel away. Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapors. For personal protection, see section 8 of the SDS.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	This product is miscible in water. <b>Large Spills:</b> Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. <b>Small Spills:</b> Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
ENVIRONMENTAL PRECAUTIONS	Avoid discharge into drains, water courses or onto the ground.
7. HANDLING AND STORAGE	
PRECAUTIONS FOR SAFE HANDLING	Avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Avoid prolonged exposure. Observe good industrial hygiene practices. See Section 8 of the SDS for Personal Protective Equipment.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).
8. EXPOSURE CONTROLS/PER	SONAL PROTECTION
OCCUPATIONAL EXPOSURE LIMITS	No exposure limits noted for ingredient(s)
	No exposure limits noted for ingredient(s) No biological exposure limits noted for the ingredient(s).
LIMITS	
LIMITS BIOLOGICAL LIMIT VALUES APPROPIATE ENGINEERING CONTROLS	No biological exposure limits noted for the ingredient(s). Use adequate ventilation to control airborne concentrations below the exposure limits/guidelines. If user operations generate a vapor, dust and/or mist, use process enclosure, appropriate local exhaust ventilation, or other
LIMITS BIOLOGICAL LIMIT VALUES APPROPIATE ENGINEERING CONTROLS	No biological exposure limits noted for the ingredient(s). Use adequate ventilation to control airborne concentrations below the exposure limits/guidelines. If user operations generate a vapor, dust and/or mist, use process enclosure, appropriate local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits/guidelines.
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**RESPIRATORY PROTECTION** 

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4.

#### THERMAL HAZARDS

GENERAL HYGIENE CONSIDERATIONS Wear appropriate thermal protective clothing, when necessary.

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## Appearance

•     Form     Lubricant.       •     Color     Amber.       •     Odor     Hytocarbon-like.       •     Odor     Not available.       •     D     Not available.       •     Melting Point freesing point     Not available.       •     Melting Point freesing point     Not available.       •     Initial boiling range	° Physical state	Liquid.
• Odor     Hitter.       • Odor threshold     Not available.       • Decomposition temperature     Not available.       • Melting Point/ freezing point     Not available.       • Melting point freezing point     Not available.       • Initial boiling point and     Not available.       • boiling range     -> 365.0 °F (>185.0 °C) ASTM D93       • Evaporation rate     <1 (BuAc=1)       • Flammability (solid, gas)     Not available.       • Flammability ing - couplosive limits     -> 365.0 °C) ASTM D93       • Flammability ing - couplosive limits     -> 365.0 °C) ASTM D93       • Flammability (solid, gas)     Not available.       • Evaporation rate     <1 (BuAc=1)       • Flammability init - lower (%)     Not available.       • Flammability limit - lower (%)     Not available.       • Explosive limit - lower (%)     Not available.       • Explosive limit - upper (%)     Not available.       • Vapor pressure     <1 mm Hg       • Vapor gressure     <1 mm Hg       • Vapor density     >1 (AIR=1)       • Relative density     >1 (AIR=1)       • Relative density     0.86 - 0.87       • Relative density     0.86 - 0.87       • Auto- ignition temperature     Not available.       • Locomposition temperature     Not available.       • Uscosity	° Form	Lubricant.
• Odor threshold     Inydrocarbot-Inke.       • Odor threshold     Not available.       • PH     Not available.       • Melting Point/ freezing point     Not available.       • Initial boiling range        • Flash point     >= 365.0 °F (>185.0 °C) ASTM D93       • Evaporation rate     <1 (BuAc=1)       • Flarmability (solid, gas)     Not available.       Upper/lower flammability or explosive limits        • Flammability (solid, gas)     Not available.       Upper/lower flammability or explosive limits        • Flammability limit - lower (%)     Not available.       • Vapor pressure limit - upper (%)     Not available.       • Explosive limit - upper (%)     Not available.       • Vapor pressure temp.     68 °F (20 °C).       • Vapor density     >1 (AIR=1)       • Relative density     0.86 ~ 0.87       Relative density     0.86 ~ 0.87       • Relative density     0.86 ~ 0.87       • Relative density     Not available.       • (n-octanol/water)        • Auto-ignition temperature     Not available.       • Viscosity     Not available.       • Mot - ognition temperature     Not available.       • Viscosity     Not available.       • Mot evaliable.        • Mot oreflicient     Not	° Color	Amber.
•     pH     Not available.       •     Melting Point/ freezing point     Not available.       •     Initial boiling point and     Not available.       •     Initial boiling point and     Not available.       •     Flash point     >= 365.0 °F (>185.0 °C) ASTM D93       •     Evaporation rate     <1 (BuAc=1)       •     Flammability (solid, gas)     Not available.       Upper/lower flammability or explosive limits     •     Flammability (solid, gas)       •     Flammability init - lower (%)     Not available.       •     Flammability limit - lower (%)     Not available.       •     Explosive limit - lower (%)     Not available.       •     Explosive limit - lower (%)     Not available.       •     Vapor pressure     <1 mm Hg       •     Vapor pressure (emp.     68 °F (20 °C)       •     Vapor pressure (emp.     68 °F (20 °C)       •     Vapor pressure (emp.     68 °F (20 °C)       •     Vapor pressure (emp.     68 °F (5.6 °C)       •     Vapor density     0.86 - 0.87       Relative density     0.86 - 0.87       Relative density (or explosite)     Not available.       •     Not available.       •     Not available.       •     Not available. <tr< th=""><th>° Odor</th><th>Hydrocarbon-like.</th></tr<>	° Odor	Hydrocarbon-like.
Pr       Not available.         * Melting Point/ freezing point       Not available.         * Initial boiling range       Not available.         * Flash point       >= 365.0 °F (>185.0 °C) ASTM D93         * Evaporation rate       <1 (BuAc=1)         * Flammability (solid, gas)       Not available.         Upper/lower flammability on explosive limits       Not available.         * Flammability limit - upper (%)       Not available.         * Explosive limit - lower (%)       Not available.         * Explosive limit - lower (%)       Not available.         * Explosive limit - lower (%)       Not available.         * Explosive limit - upper (%)       Not available.         * Vapor pressure       <1 mm Hg         * Vapor pressure temp.       68 °F (20 °C)         * Vapor pressure temp.       68 °F (20 °C)         * Relative density       0.86 ~0.87         Relative density temperature       60.08 °F (15.6 °C)         * Solubility (water)       Negligible         * Partition coefficient       Not available.         * (n-octanol/water)       Not available.         * Up composition temperature       Not available.         * Decomposition temperature       Not available.         * Uscosity       Not available. <th>° Odor threshold</th> <th>Not available.</th>	° Odor threshold	Not available.
a Initial boiling point and Not available.         boiling range         * Flash point       >= 365.0 °F (>185.0 °C) ASTM D93         * Evaporation rate       <1 (BuAc=1)         * Flammability (solid, gas)       Not available.         Upper/lower flammability or explosive limits       Not available.         * Flammability (solid, gas)       Not available.         * Flammability limit - lower (%)       Not available.         * Flammability limit - lower (%)       Not available.         * Explosive limit - upper (%)       Not available.         * Explosive limit - upper (%)       Not available.         * Explosive limit - upper (%)       Not available.         * Vapor pressure       <1 mm Hg         * Vapor pressure temp.       68 °F (20 °C)         * Vapor density       >1 (AlR=1)         * Relative density       0.86 °C (15.6 °C)         * Solubility (water)       Negligible         * Partition coefficient       Not available.         * (n-octanol/water)       Not available.         * Viscosity       Not available.         * Upper density       Not available.         * Ot available.       Not available.         * Belative density temperature       Not available.         * Ot available.       Not ava	° pH	Not available.
boiling range            • Flash point >= 365.0 °F (>185.0 °C) ASTM D93             • Evaporation rate < 1 (BuAc=1)             • Flammability (solid, gas) Not applicable.          Upper/lower flammability or explosive limits             • Flammability imit - upper (%) Not available.             • Flammability limit - upper (%) Not available.             • Explosive limit - lower (%) Not available.             • Explosive limit - lower (%) Not available.             • Explosive limit - upper (%) Not available.             • Explosive limit - upper (%) Not available.             • Vapor pressure (~1 mm Hg)             • Vapor pressure (~1 mm Hg)             • Vapor density >1 (AIR=1)             • Relative density (0.86 - 0.87             Relative density (water) Negligible             • Partition coefficient Not available.             • (n-octanol/water)             • Auto- ignition temperature Not available.             • Viscosity Not available.             • Viscosity Not available.             • Not available.	° Melting Point/ freezing point	Not available.
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•     Evaporation rate     < 1 (BuAc=1)       •     Flammability (solid, gas)     Not applicable.       Upper/lower flammability imit - lower (%)     Not available.       •     Flammability limit - upper (%)     Not available.       •     Flammability limit - lower (%)     Not available.       •     Explosive limit - upper (%)     Not available.       •     Explosive limit - upper (%)     Not available.       •     Explosive limit - upper (%)     Not available.       •     Vapor pressure     < 1 mm Hg       •     Vapor density     >1 (AIR=1)       •     Relative density     0.86 - 0.87       Relative density to explosive limit     Not available.       •     Solubility (water)     Negligible       Partition coefficient     Not available.       •     Mato-ignition temperature     Not available.       •     Other information     Not available.       •     Viscosity     Not available.	boiling range	
• Flammability (solid, gas)     Not applicable.       Upper/lower flammability or explosive limits     •       • Flammability limit - upper (%)     Not available.       • Flammability limit - upper (%)     Not available.       • Explosive limit - upper (%)     Not available.       • Explosive limit - upper (%)     Not available.       • Explosive limit - upper (%)     Not available.       • Vapor pressure     <1 mm Hg       • Vapor pressure temp.     68 °F (20 °C)       • Vapor pressure temp.     68 °F (20 °C)       • Relative density     >1 (AIR=1)       • Relative density     0.86 - 0.87       Relative density     0.86 °F (20 °C)       • Vapor pressure     60.08 °F (15.6 °C)       • Solubility (water)     Not available.       • Auto- ignition temperature     Not available.       • Auto- ignition temperature     Not available.       • Decomposition temperature     Not available.       • Viscosity     Not available.       • Viscosity     Not available.	• Flash point	>= 365.0 °F (>185.0 °C) ASTM D93
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• Flammability limit - upper (%)       Not available.         • Explosive limit - lower (%)       Not available.         • Explosive limit - upper (%)       Not available.         • Explosive limit - upper (%)       Not available.         • Explosive limit - upper (%)       Not available.         • Vapor pressure       <1 mm Hg         • Vapor pressure temp.       68 °F (20 °C)         • Vapor density       >1 (AIR=1)         • Relative density       0.86 - 0.87         Relative density temperature       60.08 °F (15.6 °C)         • Solubility (water)       Negligible         Partition coefficient       Not available.         • (n-octanol/water)       Not available.         • Decomposition temperature       Not available.         • Viscosity       Not available.         • Viscosity       Not available.         • Kinematic viscosity       136 cSt		limits
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<ul> <li>Vapor pressure</li> <li>1 mm Hg</li> <li>Vapor pressure temp.</li> <li>68 °F (20 °C)</li> <li>Vapor density</li> <li>1 (AIR=1)</li> <li>Relative density</li> <li>0.86 - 0.87</li> <li>Relative density temperature</li> <li>60.08 °F (15.6 °C)</li> <li>Solubility (water)</li> <li>Negligible</li> <li>Partition coefficient</li> <li>Not available.</li> <li>(n-octanol/water)</li> <li>Auto- ignition temperature</li> <li>Not available.</li> <li>Viscosity</li> <li>Not available.</li> <li>Viscosity</li> <li>Not available.</li> <li>Viscosity</li> <li>Not available.</li> <li>Viscosity</li> <li>Not available.</li> </ul>		Not available.
<ul> <li>Vapor pressure temp.</li> <li>68 °F (20 °C)</li> <li>Vapor density</li> <li>1 (AIR=1)</li> <li>Relative density</li> <li>0.86 - 0.87</li> <li>Relative density temperature</li> <li>60.08 °F (15.6 °C)</li> <li>Solubility (water)</li> <li>Negligible</li> <li>Partition coefficient</li> <li>Not available.</li> <li>(n-octanol/water)</li> <li>Auto- ignition temperature</li> <li>Not available.</li> <li>Uscosity</li> <li>Not available.</li> <li>Viscosity</li> <li>Not available.</li> <li>Viscosity</li> <li>Not available.</li> <li>Viscosity</li> <li>Not available.</li> </ul>		Not available.
<ul> <li>Vapor density &gt;1 (AIR=1)</li> <li>Relative density 0.86 - 0.87</li> <li>Relative density temperature 60.08 °F (15.6 °C)</li> <li>Solubility (water) Negligible</li> <li>Partition coefficient Not available.</li> <li>(n-octanol/water)</li> <li>Auto- ignition temperature Not available.</li> <li>Decomposition temperature Not available.</li> <li>Viscosity Not available.</li> <li>Viscosity 136 cSt</li> </ul>		< 1 mm Hg
•     Relative density     0.86 - 0.87       Relative density temperature     60.08 °F (15.6 °C)       •     Solubility (water)     Negligible       Partition coefficient     Not available.       •     (n-octanol/water)       •     Auto- ignition temperature       •     Not available.       •     Viscosity       •     Viscosity       •     Viscosity       •     Xinematic viscosity       •     Xinematic viscosity		68 °F (20 °C)
Relative density temperature       60.08 °F (15.6 °C)         •       Solubility (water)         Partition coefficient       Not available.         •       (n-octanol/water)         •       Auto- ignition temperature         Not available.         •       Decomposition temperature         Not available.         •       Viscosity         Not available.         •       Viscosity         Not available.         •       Viscosity         Not available.         •       Viscosity         136 cSt		>1 (AIR=1)
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(n-octanol/water)     Auto- ignition temperature Not available.     Decomposition temperature Not available.     Viscosity Not available. <u>Other information</u> Kinematic viscosity 136 cSt		Negligible
Auto- ignition temperature     Not available.       Decomposition temperature     Not available.       Viscosity     Not available.       Other information     136 cSt		Not available.
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Viscosity     Not available. <u>Other information</u> Kinematic viscosity     136 cSt		Not available.
Other information       • Kinematic viscosity     136 cSt		Not available.
Kinematic viscosity 136 cSt		Not available.
• Kinematic viscosity temp. 104 °F (40 °C)		136 cSt
	<ul> <li>Kinematic viscosity temp.</li> </ul>	104 °F (40 °C)

# **10. STABILITY AND REACTIVITY**

REACTIVITY	The product is stable and non-reactive under normal conditions of use, storage and transport.		
CHEMICAL STABILITY	Material is stable under normal conditions.		
POSSIBILITY OF HAZARDOUS REACTIONS	No dangerous reaction known under conditions of normal use.		
CONDITIONS TO AVOID	Contact with incompatible materials.		
INCOMPATIBLE MATERIALS	Strong oxidizing agents. Strong reducing agents.		
HAZARDOUS DECOMPOSITION PRODUCTS	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of phosphorus. Nitrogen oxides (NOx). Sulfur oxides.		

11. TOXICOLOGICAL INFORMATION	
Information on likely routes of exposure: INHALATION	May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
SKIN CONTACT	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
EYE CONTACT	Direct contact with eyes may cause temporary irritation.
INGESTION	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS	Direct contact with eyes may cause temporary irritation.
Information on toxicological effect	<u>s</u>
ACUTE TOXICITY	Not available.
SKIN CORROSION / IRRITATION	Prolonged skin contact may cause temporary irritation.
SERIOUS EYE DAMAGE/ EYE IRRITATION	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization RESPIRATORY SENSITIZATION	Not a respiratory sensitizer.
SKIN SENSITIZATION	This product is not expected to cause skin sensitization.
GERM CELL MUTAGENICITY	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
CARCINOGENICITY	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Base oil severely refined: Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests. Continuous long term contact with used motor oil has caused skin cancer in animal tests.
OSHA Specifically Regulated Not listed.	Substances (29 CFR 1910.1001-1050)
REPRODUCTIVE TOXICITY	This product is not expected to cause reproductive or developmental effects.
SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE	Not classified.
SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE	Not classified.
ASPIRATION HAZARD	Not an aspiration hazard.
CHRONIC EFFECTS	Prolonged inhalation may be harmful.
12. ECOLOGICAL INFORMA	TION
ECOTOXICITY	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
PERSISTANCE AND DEGRADABILITY	No data is available on the degradability of this product.
BIOACCUMULATIVE POTENTIAL	No data available.
MOBILITY IN SOIL	No data available.
OTHER ADVERSE EFFECTS	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
13. DISPOSAL CONSIDERA	TIONS
DISPOSAL INSTRUCTIONS	Don't pollute. Conserve resources. Return used oil to collection centers. Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
LOCAL DISPOSAL REGULATIONS	Dispose in accordance with all applicable regulations.
HAZARDOUS WASTE CODE	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
WASTE FROM RESIDUES / UNUSED PRODUCTS	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## **14. TRANSPORT INFORMATION**

## DOT

## <Unspecified>

Not regulated as dangerous goods.

# IATA

<Unspecified>

Not regulated as dangerous goods.

# IMDG

<Unspecified>

#### Not regulated as dangerous goods. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not established.

# **15. REGULATORY INFORMATION**

## **US federal regulations:**

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Listed.

# TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

## CERCLA Hazardous Substance List (40 CFR 302.4)

Substituted dithiophosphoric acid, zinc salt (CAS Trade Secret)

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

## Hazard categories

Immediate Hazard - Yes **Delayed Hazard -**No Fire Hazard - No No Pressure Hazard -No No Reactivity Hazard –

SARA 302 Extremely hazardous substance

Not listed.

## SARA 311/312 Hazardous chemical

No

# SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Substituted dithiophosphoric acid, zinc salts	Trade Secret	1 - < 3
Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated.		

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

# Safe Drinking Water Act (SDWA)

Not regulated.

## **US state regulations**

## US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.

#### **US. Massachusetts RTK - Substance List**

Not regulated.

#### US. New Jersey Worker and Community Right-to-Know Act

Substituted dithiophosphoric acid, zinc salt (CAS Trade Secret)

# US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

#### **US. Rhode Island RTK**

Substituted dithiophosphoric acid, zinc salt (CAS Trade Secret)

#### **US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

#### International Inventories:

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

# 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST VERSION

Issue Date:	07-21-2015		
Version:	01		
HMIS <sup>®</sup> ratings:			
	Health: 1	Flammability: 1	Physical Hazard: 0
NFPA ratings:			
	Health: 0	Flammability: 1	Instability: 0

#### **Preparation Information and Disclaimer:**

This document was prepared by FCSD-Toxicology, Ford Motor Company, Fairlane Business Park IV, 17225 Federal Drive, Allen Park, MI 48101, USA, based in part on information provided by the manufacturer. The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature.

Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user. To the extent that there are any differences between this product's Safety Data Sheet (SDS) and the consumer packaged product labels, the SDS should be followed.

Part number(s):

XO-5W50-QGT.