



# DEERE & COMPANY

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# Material Data Safety Sheet

JOHN DEERE PRODUCT NAME: Torq-Gard Supreme Engine Oil (SAE 15W/40)

DATA SHEET NO: 8503-40,180  
LATEST REVISION DATE: 15 Oct. 1999  
DEERE CODE: Y3, Y4, Y38, XN  
JDM PART NO: TY6302  
Part Nos. TY6297, TY6298, TY6300,  
TY6301 End Date 9/94

----- SECTION I - PRODUCT IDENTIFICATION -----

CHEMICAL NAME AND SYNONYMS: Lubricating Oil  
CHEMICAL FAMILY: Hydrocarbon                      FORMULA: Complex

----- SECTION II - HAZARDOUS INGREDIENTS -----

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>TLV/PEL</u>	<u>V.P.</u>	<u>CAS.#</u>
Solvent refined, hydrotreated, heavy paraffinic distillate	55-65	5 mg/m <sup>3</sup> *	-	64742547
Solvent refined, hydrotreated residual oil	10-15	5 mg/m <sup>3</sup> *	-	64742570
Polymeric additive in oil (poly-methacrylate)	9	None	-	None
Additive package: calcium sulfonates, calcium alkyl salicylate, polyethylene derivative of succinic anhydride	11	None	-	Mixture

\*for oil mists

----- SECTION III - PHYSICAL DATA -----

BOILING POINT: N.A.	SP. GRAVITY (WATER=1): 0.88
% VOLATILE VOLUME: N.A.	EVAPORATION RATE: N.A.
VAPOR DENSITY: N.A.	SOLUBILITY IN WATER: Insoluble
APPEARANCE/ODOR: dark amber/slight odor	N.A. - not available

----- SECTION IV - FIRE & EXPLOSION HAZARD DATA -----

FLASH POINT: 345° F C.O.C.                      FLAMMABLE LIMIT - LEL: N.A.  
EXTINGUISHING MEDIA: Water fog, foam, dry chemical, carbon dioxide, or halogenated agents.

SPECIAL FIRE FIGHTING PROCEDURES: Do not use a direct stream of water. Product will float and can be reignited on surface of water. Cool fire exposed containers with water. Use NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: None



SECTION V - HEALTH HAZARD DATA

EXPOSURE LIMIT: See Section II - Hazardous Ingredients
EFFECTS OF OVEREXPOSURE: Exposure to vapors or mists of this product may cause mild upper respiratory tract irritation. Prolonged or repeated contact may cause various skin disorders such as dermatitis, oil acne, or folliculitis. Eye contact is minimally irritating. Effects of ingestion are expected to be relatively non-toxic. Preexisting skin & respiratory disorders may be aggravated by exposure to this product.
EMERGENCY & FIRST AID: Eyes - flush with water 15 minutes. Skin - remove contaminated clothing; wash skin with soap and water; if material is injected under the skin, do not wait for symptoms to develop - get medical attention promptly to prevent serious damage. Inhalation - remove victim to fresh air and provide oxygen if breathing is difficult. Ingestion - do NOT induce vomiting. In all cases seek medical attention.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Avoid open flame, and oxidizing materials
HAZARDOUS POLYMERIZATION: Will not occur
DECOMPOSITION PRODUCTS: Dependent on combustion conditions. A complex mixture of airborne solid liquid and gas will evolve when this material undergoes pyrolysis or combustion. Oxides of carbon, sulfur, phosphorous, and other unidentified organic compounds may be formed.

SECTION VII - SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike and contain. Use vacuum or an absorbent such as clay or sand to pick up. Flush area with water to remove trace residue. NOTE: This product is classified as an oil under the Clean Water Act. Spills, entering surface waters or any watercourse or sewer leading to surface waters, must be reported to the National Response Center 800-424-9802.
WASTE DISPOSAL METHOD: In accord with federal, state, and local regulations

SECTION VIII - PROTECTIVE EQUIPMENT INFORMATION

VENTILATION: Local exhaust to keep TLV/PEL below acceptable levels
RESPIRATOR: NIOSH approved as needed EYE WEAR: Recommended
GLOVES: Recommended to minimize skin contact OTHER:

SECTION IX - SPECIAL PRECAUTIONS

Minimize skin contact. Wash with soap and water before eating, smoking, or using toilet facilities. Launder contaminated clothing before reuse. Properly dispose of contaminated articles including shoes that cannot be cleaned. Store in a cool, dry place with adequate ventilation. Keep away from open flames. Keep away from children.

SECTION X - DATA PREPARATION

NAME: T. M. Snyder, CIH TITLE: Industrial Hygienist
SIGNATURE: DATE: October 27, 1999

The information contained herein is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendee assumes the risk in use of the material.