Initial Preparation Date: ***11/17/11***
Last Revision Date: ***3/5/12***
Effective Date: ***3/5/12***

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: WEAREVER® DOT 3 BRAKE FLUID

PRODUCT CODE: WLBFD33 (1 GALLON), WLBFD312Z (12 OUNCE), WLBFD332Z (32 OUNCE)

1. CHEMICAL PRODUCT & COMPANY INFORMATION

OLD WORLD INDUSTRIES, LLC
4065 COMMERCIAL AVENUE
NORTHBROOK, ILLINOIS 60062
PHONE: 847-559-2000
EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Material	***CAS#***	***% by Wt.***	***TLV (ACGIH)***
*Triethylene glycol monobutyl ether	143-22-6	15.00% – 30.00%	
Diethylene glycol	111-46-6	10.00% – 20.00%	
*Diethylene glycol monopropyl ether	6881-94-3	5.00% – 10.00%	
*Triethylene glycol monoethyl ether	112-50-5	8.00% – 15.00%	
*Diethylene glycol monobutyl ether	112-34-5	10.00% – 20.00%	
Polypropylene glycol	22322-69-4	5.00% – 10.00%	
Triethylene glycol	112-27-6	3.00% – 8.00%	
Tetraethylene glycol	112-60-7	3.00% – 8.00%	

* Denotes Sara 313 Chemicals

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Health Hazards:	Not classified as dangerous for supply or conveyance.
Safety Hazards:	Not classified as flammable but will burn.
Environmental Hazards:	Not classified as dangerous for the environment.

HAZARD RATING SYSTEM

NFPA: HEALTH: 0 **FLAMMABILITY**: 1 **REACTIVITY**: 0

KEY: 0 - Minimal 1 - Slight 2 - Moderate 3 – Serious 4 - Severe

POTENTIAL HEALTH EFFECTS

Not expected to be a health hazard when used under normal conditions. Used oil may contain harmful impurities.

4. FIRST AID MEASURES

Ensure physician has access to this MSDS.

Routes of Entry: Inhalation, Skin, Ingestion

Health Hazards:	Inhalation:	Slightly irritating to respiratory system.
	Skin Contact:	May cause slight irritation to skin.
	Eye Contact:	Moderately irritating to eyes.
	Ingestion:	Low toxicity if swallowed. Do not induce vomiting.

Signs and Symptoms of Exposure: Eye irritation signs and symptoms may include a burning sensation, redness, swelling and/or blurred vision.

Aggravated Medical Condition: Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure this material: eyes, skin and respiratory system.

Environmental Hazards: Not classified as dangerous for the environment.

TREATMENT

Not expected to be a health hazard when used under normal conditions.

Eyes: Flush eyes with water while holding eyelids open. Rest eyes for 30 minutes. If redness, burning, blurred vision or swelling persist, transport to the nearest medical facility for additional treatment.

Skin: Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.

Inhalation: No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.

Ingestion: In general, no treatment is necessary unless large quantities are swallowed; however, get medical advice. Do not induce vomiting.

Notes to Physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION HAZARD DATA

Flammable Properties

Flash Point:	> 203º C
Method Used:	N/A
Auto Ignition Temperature:	> 300º C / 572º F

Flammability Limits - % of vapor concentration at which product can ignite in presence of spark.

LEL: N/A

UEL: N/A

Hazardous Combustion Products: May include a complex mixture of airborne solid and liquid particulates and gases (smoke); carbon monoxide; unidentified organic and inorganic compounds.

Extinguishing Media: Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable Extinguishing Media: Do not use water in a jet.

Fire Fighting Instructions: Clear fire area of all non-emergency personnel.

Protective Equipment For Fire Fighters: Proper protective equipment, including breathing apparatus, must be worn when approaching a fire in a confined space.

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment, see Section 8 of this Material Safety Data Sheet. See Section 13 for information on disposal. Observe all relevant local and international regulations.

Protect People: Avoid contact with skin and eyes.

Protect the Environment: Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth or other appropriate barriers.

Cleanup: Slippery when spilt. Avoid accidents; clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent, such as clay, sand or other suitable material, and dispose of properly.

Additional Advice: Local authorities should be advised if significant spillages cannot be contained.

7. HANDLING AND STORAGE

Use local exhaust ventilation if there is risk of inhalation of vapors, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

Handling: Avoid prolonged or repeated contact with skin. Avoid inhaling vapor and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used.

Storage: Keep container tightly closed and in a cool, well-ventilated place. Use properly labeled and closeable containers. Storage temperature: 0º - 50º C / 32º - 122º F.

Recommended Materials: For containers or container linings, use mild steel or high density polyethylene.

Unsuitable Materials: PVC

Additional Information: Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: Contains no components with occupational exposure limit values.

Personal protective equipment (PPE): Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

Exposure Controls: The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include adequate ventilation to control airborne concentrations. Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.

Respiratory Protection: No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapors (boiling point > 65º C (149º F)).

Skin Protection: Where hand contact with the product may occur, the use of gloves approved to relevant standards (e.g., Europe: EN374; US: F739) made from the following materials may provide suitable chemical protection: PVC, neoprene nitrile rubber gloves. Suitability and durability of a glove are dependent on usage, e.g., frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended.

Eye Protection: Wear safety glasses or full face shield if splashes are likely to occur.

Protective Clothing: Skin protection not ordinarily required beyond standard issue work clothes.

Monitoring Methods: Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an Occupational Exposure Limit (OEL) and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.

Environmental Exposure Controls: Minimize release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	> 205ºC / 401ºF
Melting / Freeze Point:	-47ºC / -53ºF
Flash Point:	> 203ºC
Auto-ignition Temperature:	> 300ºC / 572ºF
Specific Gravity (Water =1):	Data not available
Vapor Pressure (mm of Hg):	> 0.10 mm Hg
Water Solubility:	Miscible

Appearance:	Pale yellow. Liquid
Odor:	Ethereal
Decomposition Temperature:	Data not available

10. STABILITY & REACTIVITY DATA

Stability: Stable. Hygroscopic

Conditions to Avoid: Exposure to water vapor

Incompatibility (Materials to Avoid): Mineral oils, water vapor

Hazardous Decomposition Products: Hazardous decomposition products are not expected to form during normal storage.

Hazardous Polymerization:

11. TOXICOLOGICAL INFORMATION

Basis for Assessment: Information given is based on data on the components and the toxicology of similar products.

Lowest Known LD50 (Oral): Expected to be of low toxicity: LD50 > 5000 mg/kg – Rat

Lowest Known LD50 (Skin): Expected to be of low toxicity: LD50 > 5000 mg/kg – Rabbit

Skin: Expected to be slightly irritating.

Eye Irritation: Expected to be slightly irritating.

Respiratory Irritation: Inhalation of vapors or mists may cause irritation.

Ingestion: In general, no treatment is necessary unless large quantities are swallowed; however, get medical advice. Do not induce vomiting.

Sensitization: Not expected to be a skin sensitizer.

Repeated Dose Toxicity: Not expected to be a hazard.

Mutagenicity (The Effects On Genetic Material): Not expected to be mutagenic.

Reproductive and Developmental Toxicity: Not expected to be a hazard.

Acute Inhalation Toxicity: Expected to be of low toxicity: LC50 > 5 mg/l / 4 h – Rat

Carcinogency: Not expected to be carcinogenic.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE

Ecotoxicology: Ecotoxicological data has not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Acute Toxicity: Expected to be practically non-toxic: LL/EL/IL50 > 100 mg/l (to aquatic organisms) (LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract).

Movement & Partitioning: Liquid under most environmental conditions. Dissolves in water. If product enters soil, it will be highly mobile and may contaminate groundwater.

Degradation & Transformation: Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.

Bioaccumulation: Not expected to bioaccumulate significantly.

Other Adverse Effects: Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantit6ies. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

13. DISPOSAL CONSIDERATIONS

Material Disposal: Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.

Container Disposal: Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand.

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

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT): This material is not subject to DOT regulations under 49 CFR Parts 171-180.

ICAO/IATA: This material is not classified as dangerous under IATA regulations.

IMDG: This material is not classified as dangerous under IMDG regulations.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

THIS PRODUCT CONTAINS COMPONENT(S) CITED ON THE FOLLOWING REGULATIONS:

CHEMICAL NAME	***CAS NUMBER***
Triethylene glycol monobutyl either	143-22-6
Diethylene glycol monopropyl ether	6881-94-3
Triethylene glycol monoethyl ether	112-50-5

TSCA (United States): All components listed.
EINECS (Europe): All components listed or polymer exempt.
DSL (Canada): All components listed.

CERCLA: Reportable Quantity (RQ): 3 lbs.

CHEMICAL NAME	***CAS NUMBER***	***AMOUNT***
Triethylene glycol monobutyl either	143-22-6	30.00%
Diethylene glycol monopropyl ether	6881-94-3	15.00%
Triethylene glycol monoethyl ether	112-50-5	5.00%

SARA Title III: Section 311/312 - Categories: No SARA 311/312 hazards.

Section 313 - Emission Reporting:

Toxic Release Inventory (TRI):

CHEMICAL NAME	***CAS NUMBER***	***AMOUNT***
Triethylene glycol monobutyl either	143-22-6	30.00%
Diethylene glycol monopropyl ether	6881-94-3	15.00%
Triethylene glycol monoethyl ether	112-50-5	5.00%

State Right-To-Know:

New Jersey - Right-to-Know List (Total):

Component	CAS #	Amount
Triethylene glycol monobutyl either	143-22-6	Listed
Diethylene glycol monopropyl ether	6881-94-3	Listed
Triethylene glycol monoethyl ether	112-50-5	Listed

Pennsylvania Right-to-Know List:

Component	CAS #	Environmental Hazard
Triethylene glycol monobutyl either	143-22-6	Listed
Diethylene glycol monopropyl ether	6881-94-3	Listed
Triethylene glycol	112-27-6	Listed
Triethylene glycol monoethyl ether	112-50-5	Listed

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Additional Information: Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

16. OTHER INFORMATION

Contact: Thomas Cholke **Phone**: (847) 559-2225

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