

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY.

COMMERCIAL DESIGNATION: **Berkebile 2 + 2^o UNIVERSAL POWER STEERING FLUID**
Stock Number: **B1650**

MANUFACTURE'S NAME: The Berkebile Oil Company, Inc.
ADDRESS: PO Box 715, Somerset, PA 15501-0715
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REVISION DATE: February 15, 2012
NAME OF PREPARER: Diana McClintock

2. COMPOSITION/INFORMATION ON INGREDIENTS.

PRODUCT DESCRIPTION:

<u>Chemical Name:</u>	<u>Amount</u>	<u>CAS Number</u>
Hydrotreated Paraffinic Distillate, Dewaxed	≤60.0 %	64742-65-0
Hydrotreated Heavy Naphthenic Distillate	≤50.0 %	64742-52-5
Tricresyl Phosphate	≤ 1.0 %	1330-78-5
Additives	≤10.0 %	Proprietary

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Not expected to cause a severe emergency hazard.

HMIS RATING

Health: 1 Flammability: 1 Reactivity: 0

NFPA RATING

Health: 1 Flammability: 1 Reactivity: 0 Special Hazard: N/A

POTENTIAL HEALTH EFFECTS**EYE:**

Contact may cause eye irritation and redness.

SKIN:

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION:

Inhalation of vapors or mist may be mildly irritating to the nose, throat, and respiratory tract.

INGESTION:

Small amounts swallowed during normal handling operations are not likely to cause injury.

CHRONIC EFFECTS:

No adverse effects have been documented in humans as a result of chronic exposure.

CARCINOGENICITY INFORMATION:

Based on OSHA 1910 . 1200 and IARC study requirements, this product does not require labeling.

4. FIRST AID MEASURES**EYE CONTACT FIRST AID:**

Flush eye with water for 15 minutes.

Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID:

Wash skin with soap and water.

Thoroughly wash (or discard) clothing and shoes before reuse

INHALATION FIRST AID:

Remove to fresh air.

If not breathing, give artificial respiration.

INGESTION FIRST AID:

If vomiting should occur spontaneously, keep airway clear.

Notes to Physician:

Treat symptomatically.

5. FIRE FIGHTING MEASURES**Flammable Properties:**

COC Flash Point:	248.9 C	(480.0 F)
Autoignition Temperature:	≥ 315.6 C	(≥ 600.1 F)

Flammable Limits In Air

LEL: N/A
UEL: N/A

Extinguishing Media:

Carbon dioxide, foam, or dry powder. Water may be used to cool below flash point.

Fire Fighting Instructions:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Combustion Products:

Fumes, smoke and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES**Safeguards (Personnel):**

Wear appropriate personal protective equipment.

Initial Containment:

Absorb spills with inert material.

Large Spills Procedure:

Contain spilled material.

Large spillage should be dammed-off and pumped into containers.

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

Small Spills Procedure:

Clean up area by absorbent material.

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

7. HANDLING AND STORAGE**Handling (Personnel):**

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Wash hands thoroughly after handling.

Handling (Physical Aspects):

Store in a cool dry area.

Storage Precautions

Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering Controls:**

Not required under normal conditions of use. However, if unusual operating conditions exist, then provide sufficient mechanical ventilation to maintain exposure below PEL/TLV

Eye / Face Protection Requirements:

Where contact with this material is likely, eye protection is recommended.

Skin Protection Requirements:

When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material.

Respiratory Protection Requirements:

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

Exposure Guidelines:

No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Amber
Odor:	Characteristic
Boiling Point:	≥425 F
Vapor Pressure:	Nil mm Hg
Vapor Density:	(≥1 (Air = 1))
Solubility in Water:	Nil
Specific Gravity:	0.87 (Water = 1)
Melting/Freezing Point:	N/A F
Volatiles:	Nil %

10. STABILITY AND REACTIVITY**Stability:**

Stable

Polymerization:

Hazardous polymerization will not occur.

Incompatibility with Other Materials:

Avoid contact with strong oxidizing agents.

Decomposition:

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

Conditions to Avoid:

Sources of ignition.

11. TOXICOLOGICAL INFORMATION**Eye Effects:**

Minimal irritation on contact.

Skin Effects:

Practically non-toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.

Acute Oral Effects:

Tests on similar materials indicate low order of acute oral toxicity.

Acute Inhalation Effects:

Low acute toxicity expected on inhalation.

12. ECOLOGICAL INFORMATION**Environmental Hazards:**

Ecotoxicological Information: No specific aquatic data available for this product.

13. DISPOSAL CONSIDERATIONS**Waste Disposal:**

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.
Do not flush to surface water or sanitary sewer system.

Container Disposal:

Empty drums should be completely drained, properly bunged and promptly shipped to the supplier or a drum reconditioner.

All other containers should be disposed of in an environmentally safe manner.

14. TRANSPORTATION INFORMATION

Product Label:	Universal Power Steering Fluid
D.O.T. Shipping Name:	Not regulated by DOT
Technical Shipping Name:	N/A
D.O.T. Hazard Class:	N/A
UN Number:	N/A
D.O.T. Label:	N/A
D.O.T. Placard:	N/A
Bulk Class:	N/A
Package Class:	N/A

15. REGULATORY INFORMATION**Regulatory Lists Searched:**

01 = Canadian Disclosure List	02 = SARA Title III – Section 313
03 = CERCLA Hazardous Substances	04 = Clean Air Act – Section 112
05 = Title V	06 = CA Proposition 65
07 = SC Toxic Air Pollutants List	

Miscellaneous Information:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from the sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state, and local laws and regulations. **The Berkebile Oil Company, Inc. makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein.** The Berkebile Oil Company, Inc. will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading. This information relates to the material designated and may not be valid for such material used in combination with any other materials nor in any progress.