





**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STORAGE TANK REGISTRATION PLACARD**

2011-2012

FACILITY ID: 8516543

PLACARD NO: 374010

PLACARD ISSUED: 06/28/2011

PLACARD EXPIRES: 06/30/2012

FACILITY: OILS UNLIMITED
509 S FRENCH AVE
SANFORD FL 32771 -
SEMINOLE COUNTY

TANK SYSTEMS REGISTERED: 8

FACILITY TYPE: Bulk Storage Facility

STCM ACCOUNT: 47205

ACCOUNT OWNER: OILS UNLIMITED

A handwritten signature in cursive script, reading "Dotty Diltz".

Dotty Diltz, Acting Director
Division of Waste Management
Department of Environmental Protection



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400



July 29, 2011

Ronald Patterson
Fuels Unlimited Inc
PO Box 259
Sanford, FL 32772- 0259

BE IT KNOWN THAT

Fuels Unlimited Inc
509 S French Ave
Sanford, FL 32771- 1875

IS HEREBY REGISTERED AS A USED OIL

Transporter, Transfer Facility, Processor, Marketer, Filter Transporter, Filter Transfer Facility, Filter Processor

pursuant to Chapter 62-710, Florida Administrative Code (F.A.C)

The Department of Environmental Protection hereby issues

Registration Number **FLR000050369** on July 29, 2011

Insurance Carrier: **ZURICH AMERICAN INSURANCE**

Insurance Policy #: **TRK919538800**

Insurance Ex. Date: **08/02/2012**

Transporter Type: **FH**

This registration will expire on 06/30/2012

This certificate documents receipt of your annual registration and annual report. It shall be displayed in a prominent place at your facility. This certificate and your cancelled check are your receipts.

Aprilia Graves
Engineering Specialist IV
Hazardous Waste Regulation Permitting



Andreyev Engineering, Inc.

SANFORD OFFICE
4055 St. John's Parkway
Sanford, Florida 32771
407-330-7763
Fax: 407-330-7765

▼ Groundwater ▼ Environmental ▼ Geotechnical ▼ Construction Materials Testing

TO: **Fuels Unlimited**
509 South French Avenue
Sanford, Florida 32772

August 5, 2011

Attention: Ms. Karen Violet

SUBJECT: Revisions to Spill Prevention Control and Countermeasure (SPCC) Plan
dated November 16, 2006

Dear Ms. Violet

Pursuant to our meeting on August 5, 2011, Andreyev Engineering, Inc. (AEI) has been authorized to revise the SPCC Plan dated November 16, 2006. The revisions were discussed on August 5, 2011, and the revised SPCC plan is expected to be completed by August 12, 2011. If you have any questions, please contact our office at (407) 330-7763.

Sincerely,

ANDREYEV ENGINEERING, INC

James J. Jarmolowski, P.G.
Principal Hydrogeologist

The Villages
352-751-2478
Fax 352-751-2533

Ocala
352-401-9522
Fax 352-401-9523

Clarion
352-241-0508
Fax 352-241-0977

St. Petersburg
727-527-5735
Fax 727-527-6084

ATTACHMENT 1

DESCRIPTION OF FACILITY OPERATIONS

Facility Operational Information: Fuels Unlimited Inc., D.B.A as Oils Unlimited (referred to hereafter as Fuels Unlimited Inc.) has owned this facility since January 1, 2006, and is owned by Ronald C. Patterson and Karen A. Violet. The previous owner and operator of Oils Unlimited Inc. was Mr. William Patterson. This Used Oil Processing Permit Application has been prepared for Fuels Unlimited Inc. The subject site contains approximately .39 acres, and is located at 509 French Avenue (which is also known as U.S. Highway 17-92), in Sanford, Seminole County, Florida. **Figure 1** shows the location of the subject site on the "Sanford" USGS Topographic Map. Fuels Unlimited Inc. is a broker of used oil, which is received from various vendors. The used oil is then sold to asphalt plants who utilize the used oil for fuel. Used oil is either picked up by a tanker truck owned and operated by Fuels Unlimited Inc., or used oil is brought to the facility by a vendor. Fuels Unlimited Inc. does not conduct any used oil processing on-site. The Fuels Unlimited Inc. facility consists of a main office building, a spill control building, an equipment storage shed, a used oil transfer area, and nine aboveground storage tanks (ASTs). **Figure 2** contains a site map which shows the office building, ASTs, and other applicable features. **Figure 3** contains an aerial photograph of the facility. Of the nine ASTs, eight ASTs (#1 through #8) are active, and are used as part of site operations. AST #9 is in-active, and is not used as part of site operations. **Figure 4** contains a figure which shows the approximate layout of the piping. The nine ASTs are summarized as follows:

Tank Type	Size (gallons)	Date Installed	Product Type	Secondary Containment	Piping Position	Piping	Leak Detection
AST #1	17,740	1920's	Used Oil	Yes - Concrete containment structure	Aboveground	Single wall	Visual
AST #2	17,740	1920's	Used Oil	Yes - Concrete containment structure	Aboveground	Single wall	Visual
AST #3	17,740	1920's	Used Oil	Yes - Concrete containment structure	Aboveground	Single wall	Visual
AST #4	17,740	1920's	Used Oil	Yes - Concrete containment structure	Aboveground	Single wall	Visual
AST #5	20,490	1981	Used Oil	Yes - Concrete containment structure	Aboveground	Single wall	Visual
AST #6	20,490	1981	Used Oil	Yes - Concrete containment structure	Aboveground	Single wall	Visual
AST #7	5,000	1998	Oil/water	Yes - Concrete containment structure	Aboveground	Single wall	Visual
AST #8	5,000	1998	Recyclable coolant	Yes - Concrete containment structure	Aboveground	Single wall	Visual
AST #9	2,500	1998	In-active	Yes - Concrete containment structure	N/A	No piping	N/A

Revised
Permit

Oils Unlimited

Seminole County
P.O. Box 259
Sanford, FL 32772

Office: 407-302-3193
Fax: 407-302-3189
Emergency: 407-908-4140

INDUSTRIAL WASTE MATERIALS TRANSPORTERS MANIFEST ONLY NON-HAZARDOUS MIXTURES ACCEPTED - READ BOTTOM ON MANIFEST

1. Generator's Name and Mailing Address 4750 CR 470		A. Manifest #	
2. Generator's Phone () County of Origin		B. Generator's US EPA ID# FLR 000 155 663	
3. Transporter 1 Company Name Oils Unlimited		4. US EPA ID Number FLR000050369	
5. Designated Facility Name & Address Oils Unlimited 509 S. French Ave. Sanford, FL 32771		C. Contact Name	
6. Description of Material		D. Halogen Screening	
7. Containers		8. Total Quantity	
9. Unit Wt./Vol.		10. CHARGES	
a. Used Oil (Destined for Recycling)		Sniffer Test Pass _____ Dexsil Test Pass _____	
b. Oily Water (Contains Petroleum Distillate's Destined for Recycling)		Fail _____ Fail _____	
c. Used Oil Filters (Destined for Recycling)		<input type="checkbox"/> CESQG	
d. Used Recyclable Coolant		<input type="checkbox"/> SQG	
e. Other		<input type="checkbox"/> LQG	
f. Other			
11. Additional Descriptions for Materials Listed Above		There will be a \$50 charge for each check returned for Non Sufficient Funds.	
TOTAL DUE			
IMPORTANT: Payment due upon receipt of invoice. A service charge of 1 1/2% per month (18% annum) will be charged on balance over 30 days past due. All past due accounts subject to a minimum service charge of \$1.50 per month. In the event it shall become necessary to collect the herein above described sums, or any part thereof, the purchaser agrees to pay all costs thereof, including reasonable attorney's fees.			
12. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. I also certify that to the best of my knowledge the waste stream identified above has been generated without any changes in the generating waste process since the last service or waste determination. In the event changes are made to our process, I, the generator, will inform Oils Unlimited of the changes prior to service. This shipment does not contain regulated Hazardous Waste as defined in CFR 261, 279 and 62-710 FAC.			
Printed/Type Name		Signature	
Month		Day	
Year			
13. Transporter 1 Acknowledgement of Receipt of Materials		Due to possible solid sludge levels in tanks and expansion or contraction of product Column #8 (Total Quantity) on this manifest is based upon our best approximations.	
Printed/Type Name		Signature	
Month		Day	
Year			
14. YOUR MATERIAL DESCRIBED ON THIS MANIFEST IS DESTINED FOR RECYCLING PURPOSES THROUGH REGISTERED/LICENSED/INSURED FACILITIES.			
Printed/Type Name		Signature	
Month		Day	
Year		1 17 11	

IN CASE OF EMERGENCY CALL 407-908-4140

For Accidental Discharges of this product use Emergency Response Guidebook #27

Generator: The following chemicals contain hazardous substances which when mixed with oil reduces the recycling potential and can cause harmful effects to the environment.

DO NOT MIX WITH USED OIL

Antifreeze - Freon - Solvents - Thinner - Degreasers - Detergents - Cleaners - Radiator Fluid - Lead Gasoline - Cutting Oil

CAN MIX WITH USED OIL

Motor Oils - Diesel Fuel - Brake Fluids - Hydraulic Fluids - Transmission Fluids

These lists are based on current information and may be expanded as more data becomes available. Thank you.

WHITE: Generator

YELLOW: Facility

Seminole County
Box 259
Sanford, FL 32772

Oils Unlimited

Office: 407-302-3193
Fax: 407-302-3189
Emergency: 407-908-4140

INDUSTRIAL WASTE MATERIALS TRANSPORTERS MANIFEST ONLY NON-HAZARDOUS MIXTURES ACCEPTED - READ BOTTOM ON MANIFEST

1. Generator's Name and Mailing Address		A. Manifest #	
		B. Generator's US EPA ID# FLR 000 155 663	
2. Generator's Phone () County of Origin		C. Contact Name	
3. Transporter 1 Company Name Oils Unlimited		4. US EPA ID Number FLR000050369	
5. Designated Facility Name & Address Oils Unlimited 509 S. French Ave. Sanford, FL 32771		D. Halogen Screening Sniffer Test Pass _____ Dexsil Test Pass _____ Fail _____ Fail _____	
		<input type="checkbox"/> CESQG <input type="checkbox"/> SQG <input type="checkbox"/> LQG	
6. Description of Material		7. Containers No. Type	8. Total Quantity
a. Used Oil (Destined for Recycling)			
b. Oily Water (Contains Petroleum Distillate's Destined for Recycling)			
c. Used Oil Filters (Destined for Recycling)			
d. Used Recyclable Coolant			
Other			
f. Other			
11. Additional Descriptions for Materials Listed Above		There will be a \$50 charge for each check returned for Non Sufficient Funds.	
		TOTAL DUE	
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Printed/Type Name		Signature	
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Printed/Type Name		Signature	
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Printed/Type Name		Signature	
On Behalf of		Arj. M. [Signature]	
		Month Day Year 3 3 11	

IN CASE OF EMERGENCY CALL 407-908-4140

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YELLOW: Facility

Oils Unlimited

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				B. Generator's US EPA ID# FLR 000 155 663	
2. Generator's Phone () County of Origin				C. Contact Name	
3. Transporter 1 Company Name Oils Unlimited		4. US EPA ID Number FLR000050369		D. Halogen Screening	
5. Designated Facility Name & Address Oils Unlimited 509 S. French Ave. Sanford, FL 32771				Sniffer Test Dexsil Test	
				Pass Pass	
				Fail Fail	
6. Description of Material		7. Containers		8. Total Quantity	9. Unit Wt./Vol.
		No.	Type		
a.	Used Oil (Destined for Recycling)				
b.	Oily Water (Contains Petroleum Distillate's Destined for Recycling)				
c.	Used Oil Filters (Destined for Recycling)				
d.	Used Recyclable Coolant				
	Other				
f.	Other				
11. Additional Descriptions for Materials Listed Above				There will be a \$50 charge for each check returned for Non Sufficient Funds.	
<p>IMPORTANT: Payment due upon receipt of invoice. A service charge of 1 ½% per month (18% annum) will be charged on balance over 30 days past due. All past due accounts subject to a minimum service charge of \$1.50 per month. In the event it shall become necessary to collect the herein above described sums, or any part thereof, the purchaser agrees to pay all costs thereof, including reasonable attorney's fees.</p>					
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Printed/Type Name		Signature		Month	Day Year
On Behalf of		Archi McCall		3	21 11

IN CASE OF EMERGENCY CALL 407-908-4140

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DT#45-12060

WHITE: Generator

YELLOW: Facility

CERTIFIED ANALYSIS

Project ID:	Finished Product	Company Name:	Hydrocarbon Recovery Services - Plant City
Site address:	Plant City, FL	Client address:	105 S. Alexander St.
Sample Time	0800		
Sample Date:	2/28/2011	City, State, zip:	Plant City, FL 33563
FCC Lab ID#:	11-0096	Client Phone:	813-754-1504
Tank:	552	Sampled By:	Domingo Arellano
Matrix:	Oil	Report Date:	3/2/2011
Sample Location	3-Foot Line		

Parameter	Method	Result/Initials	Analysis date	Prep date	Units	MDL	PQL	Dilution Factor	Regulatory Limit
Viscosity	Visgage	160 AS	2/28/2011	2/28/2011	SSU@100°F	10	N/A	1	N/A
Flash Point	EPA1010A	230 AS	2/28/2011	2/28/2011	°F	30	N/A	1	>100°F
API Gravity	D287	29.6 AS	2/28/2011	2/28/2011	N/A	0	N/A	1	N/A
Percent Water	D95	.8 AS	2/28/2011	2/28/2011	%	0.1	N/A	2	N/A
Percent Ash	D482	0.7429 AS	2/28/2011	2/28/2011	%	0.01	N/A	1	N/A
Total Halides (TX)	EPA 9075	66 AS	2/28/2011	2/28/2011	mg/Kg	20	50	1	1000
Percent Sulfur	D4294-03	0.3623 AS	2/28/2011	2/28/2011	%	0.05	0.05	1	N/A
PCBs Aroclor 1016	EPA 8082	ND *	3/1/2011	3/1/2011	mg/Kg	2.0	2.0	4	2
PCBs Aroclor 1242	EPA 8082	ND *	3/1/2011	3/1/2011	mg/Kg	2.0	2.0	4	2
PCBs Aroclor 1254	EPA 8082	ND *	3/1/2011	3/1/2011	mg/Kg	2.0	2.0	4	2
PCBs Aroclor 1260	EPA 8082	ND *	3/1/2011	3/1/2011	mg/Kg	2.0	2.0	4	2
Pounds per Gallon	CALC	7.314 AS	3/1/2011	3/1/2011	Lbs/gal	N/A	N/A	N/A	N/A
BTU per Gallon	CALC	142,989 AS	3/1/2011	3/1/2011	BTU/gal	N/A	N/A	N/A	N/A
Arsenic	EPA 6010B	0.19U*	3/1/2011	3/1/2011	mg/Kg	0.19	2.0	10	5
Cadmium	EPA 6010B	0.07U*	3/1/2011	3/1/2011	mg/Kg	0.07	0.10	10	2
Chromium	EPA 6010B	0.39*	3/1/2011	3/1/2011	mg/Kg	0.04	0.10	10	10
Lead	EPA 6010B	3.42*	3/1/2011	3/1/2011	mg/Kg	0.15	0.10	10	100

BTEX levels = Below Contracted Maximum

* Analysis performed by Phoslab Environmental (Lakeland, FL)

I = Value is between the MDL and the PQL

PQL = Practical Quantitation Limit

ND = Analyte was analyzed for but not detected above reporting limit

U = Under the minimum Detection limit

Chemist / Lab Technician

Ana Saldana / Lab Technician

Chemist/Lab Technician

John Ruchlewicz / Plant Manager

State of Florida Certification: E84160

*The regulatory limit stated above reflects the Federal EPA limit for on-specification fuel oil as defined in 40 CFR 279.11. The on-specification limit for PCB's is imposed by 40 CFR 761.20 (e). These regulatory limits may be less stringent than those required by site-specific permit requirements that may be held by the consumer. Please reference any applicable permits prior to acceptance of this material to ensure compliance.

*This lab is not currently certified for PCB's.

The lab certifies results meet all requirements of the NELAC standards, unless otherwise noted. All weights are based on wet weights unless otherwise specified.

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number FL 8000050360	2. Page 1 of	3. Emergency Response Phone 407-909-4140	4. Waste Tracking Number FL 8000050360	
	5. Generator's Name and Mailing Address Oils Unlimited PO Box 259 Sanford, FL 32772 Generator's Phone: 407-502-3160			Generator's Site Address (if different than mailing address) 508 S. French Avenue Sanford, FL 32771			
	6. Transporter 1 Company Name Oils Unlimited			U.S. EPA ID Number FL 8000050360			
	7. Transporter 2 Company Name			U.S. EPA ID Number			
	8. Designated Facility Name and Site Address Perma-fix 10100 Rocket Blvd Orlando FL 32824 Facility's Phone:			U.S. EPA ID Number FLD 780559728			
INT'L	9. Waste Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
				No.	Type		
	1. Used Oil NON-Hazardous material 1000 lbs / 1200 / 6 cases					00030	30
	2.						
	3.						
4.							
TRANSPORTER	13. Special Handling Instructions and Additional Information						
	14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
	Generator's/Officer's Printed/Typed Name T. J. ...			Signature [Signature]		Month Day Year 11/11/11	
	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	16. Transporter Acknowledgment of Receipt of Materials						
DESIGNATED FACILITY	Transporter 1 Printed/Typed Name T. J. ...			Signature [Signature]		Month Day Year 11/11/11	
	Transporter 2 Printed/Typed Name			Signature [Signature]		Month Day Year 11/11/11	
	17. Discrepancy						
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
17b. Alternate Facility (or Generator)			U.S. EPA ID Number				
Facility's Phone:							
17c. Signature of Alternate Facility (or Generator)			Month Day Year				
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a							
Printed/Typed Name Corey J. Howard			Signature [Signature]		Month Day Year 11/11/11		

1. Chemical product and company identification

Product name	ALPHA SP 460
MSDS #	456559
Historic MSDS #:	13005-BE
Code	456559-US03
Product use	Lubricant
Manufacturer	Castrol Industrial North America, Inc. 150 W. Warrenville Road Naperville, IL 60563
Supplier	Castrol Industrial North America, Inc. 150 W. Warrenville Road Naperville, IL 60563 Product Information: 1-800-621-2661
EMERGENCY SPILL INFORMATION:	1 (800) 424-9300 CHEMTREC (USA)

2. Composition/information on ingredients

Ingredient name	CAS #	% by weight
Residual oils (petroleum), solvent-dewaxed (Highly refined mineral oil)	64742-62-7	95 - 100

3. Hazards identification

Physical state	Liquid.
Color	Clear. Amber. Brown.
Emergency overview	CAUTION! MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. Avoid prolonged or repeated contact with skin. Keep container closed. Wash thoroughly after handling. Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis. Use with adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.
Routes of entry	Dermal contact. Eye contact. Inhalation. Ingestion.
Potential health effects	
Eyes	May cause eye irritation.
Skin	May cause skin irritation. Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.
Inhalation	May cause respiratory tract irritation.
Ingestion	Ingestion may cause gastrointestinal irritation and diarrhea.
Medical conditions aggravated by over- exposure	None identified.

4. First aid measures

Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.
— Skin contact	Immediately wash exposed skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if irritation develops.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

5. Fire-fighting measures

Flammability of the product	May be combustible at high temperature.
Flash point	>210 °C (Open cup) Cleveland.
Products of combustion	These products are carbon oxides (CO, CO ₂) (carbon monoxide, carbon dioxide).
Unusual fire/explosion hazards	Non-explosive in the presence of the following materials or conditions: open flames, sparks and static discharge, heat, shocks and mechanical impacts and oxidizing materials.
Fire-fighting media and instructions	In case of fire, use water fog, foam, dry chemicals, or carbon dioxide.
Protective clothing (fire)	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. Accidental release measures

Personal precautions	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (See Section: "Exposure controls/personal protection"). Follow all fire fighting procedures (See Section: "Fire-fighting measures").
Environmental precautions and clean-up methods	If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Avoid contact of spilled material with soil and prevent runoff entering surface waterways. See Section 13 for Waste Disposal Information.
Personal protection in case of a large spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

7. Handling and storage

Handling	Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Use only with adequate ventilation. Wash thoroughly after handling. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Empty containers may contain harmful, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards.

8. Exposure controls/personal protection

Occupational exposure limits

Ingredient name

Occupational exposure limits

Residual oils (petroleum), solvent-dewaxed
(Highly refined mineral oil)

ACGIH (United States).
STEL: 10 mg/m³ 15 minute(s). Form: Oil mist, mineral
TWA: 5 mg/m³ 8 hour(s). Form: Oil mist, mineral
OSHA (United States).
TWA: 5 mg/m³ 8 hour(s). Form: Oil mist, mineral

Control Measures

Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Personal protection

Eyes

Avoid contact with eyes. Safety glasses with side shield or chemical goggles.

Skin and body

Avoid prolonged or repeated contact with skin. Wear suitable protective clothing.

Respiratory

Use only with adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.

Hands

Wear suitable gloves.

Not available.



Consult local authorities for acceptable exposure limits.

9. Physical and chemical properties

Physical state

Liquid.

pH

Not applicable

Odor

Slight

Color

Clear. Amber. Brown.

Heat of combustion

Not available.

Density

910 kg/m³ (0.91 g/cm³) at 15.6°C

Solubility

Very slightly soluble in hot water.
Insoluble in cold water.

Viscosity

Kinematic: 414 to 506 mm²/s (414 to 506 cSt) at 40°C

10. Stability and reactivity

Stability and reactivity

The product is stable.

Conditions to avoid

None known.

Incompatibility with various substances

Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.

Hazardous decomposition products

Carbon Dioxide (CO₂). nitrogen oxides (NO, NO₂...)

Hazardous polymerization

Will not occur.

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11. Toxicological information

Chronic toxicity

Carcinogenic effects

No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH or the International Agency for Research on Cancer (IARC). No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program (NTP) or the U.S. Occupational Safety and Health Act (OSHA).

Mutagenic effects

No component of this product at levels greater than 0.1% is classified by established regulatory criteria as a mutagen.

Reproductive effects

No component of this product at levels greater than 0.1% is classified by established regulatory criteria as a reproductive toxin.

Teratogenic effects

No component of this product at levels greater than 0.1% is classified by established regulatory criteria as teratogenic or embryotoxic.

12. Ecological information

Ecotoxicity

No testing has been performed by the manufacturer.

13. Disposal considerations

Waste information

Avoid contact of spilled material and runoff with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations.

RCRA Waste Code(s)

USED OIL

Consult your local or regional authorities.

14. Transport information

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO)

15. Regulatory information

U.S. Federal regulations

US INVENTORY (TSCA): In compliance.

TSCA 12(b) one-time export notification:: mequinol; naphthalene

This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: ALPHA SP 460: Immediate (Acute) Health Hazard

SARA 313

Form R - Reporting requirements

This product does not contain any hazardous ingredients at or above regulated thresholds.

Supplier notification

This product does not contain any hazardous ingredients at or above regulated thresholds.

CERCLA Sections 102a/103 Hazardous Substances (40 CFR Part 302.4):: This material is not regulated under CERCLA Sections 103 and 107.

State regulations

Pennsylvania RTK:Soybean oil (generic environmental hazard)

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WARNING: This product contains a chemical known to the State of California to cause cancer.
naphthalene; Ethyl acrylate; Arsenic

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
Toluene

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.
Benzene; Cadmium; Lead

Inventories

AUSTRALIAN INVENTORY (AICS): Not determined.

CANADA INVENTORY (DSL): In compliance.

CHINA INVENTORY (IECS): Not determined.

EC INVENTORY (EINECS/ELINCS): In compliance.

JAPAN INVENTORY (ENCS): Not determined.

KOREA INVENTORY (ECL): In compliance.

PHILIPPINE INVENTORY (PICCS): In compliance.

16. Other information

Label requirements

CAUTION!

MAY CAUSE EYE IRRITATION.

MAY CAUSE SKIN IRRITATION.

MAY CAUSE RESPIRATORY TRACT IRRITATION.

HMIS® Rating :

Health	1	-	National Fire
Flammability	1		Protection
Physical	0		Association
Hazard			(U.S.A.)
Personal	B		
protection			



Other special considerations

PETROLEUM OIL: STEL = 10 mg/M3. Using terminology of the International Agency for Research on Cancer (IARC), the petroleum distillates listed in Section II are classified by the supplier as severely processed. Not all those listed in Section II may be present. The supplier has stated that these distillates do not require a carcinogen label as defined by OSHA 29 CFR 1910.1200.

History

Date of issue 06/26/2006.

Date of previous issue 06/02/2005.

Prepared by Product Stewardship

Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from us.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The BP Group shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken.

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