



# ANIMAL CREMATORY



Environmental Compliance

## COMPLIANCE INSPECTION CHECKLIST

**INSPECTION TYPE:** ANNUAL (INS1, INS2)  COMPLAINT/DISCOVERY (CI)   
 RE-INSPECTION (FUI)  ARMS COMPLAINT NO:

**AIRS ID#:** 1010492 **DATE:** 12/3/2009 **ARRIVE:** 0830 **DEPART:** 1456

**FACILITY NAME:** FAITHFUL FRIENDS ANIMAL CREMATORY

**FACILITY LOCATION:** 5221 8TH STREET  
ZEPHYRHILLS 33542-5028

**OWNER/AUTHORIZED REPRESENTATIVE:** MICHAEL HODGES **PHONE:** (352)424-1184

**CONTACT NAME:** Damon LeBlanc **PHONE:** (813)788-306

**ENTITLEMENT PERIOD:** 7/29/2007 / 7/29/2012  
(effective date) (end date)

ARMS UPDATED  
2/3/10

**PART I: INSPECTION COMPLIANCE STATUS** (check  only one box)

IN COMPLIANCE     MINOR Non-COMPLIANCE     SIGNIFICANT Non-COMPLIANCE

**PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.401, F.A.C.**  
(check  appropriate box(es))

1. Were there any objectionable odor(s) detected?-----  Yes  No
2. Was a visible emissions test conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
3. In order to demonstrate individual source compliance, was an annual visible emissions test conducted 60 days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date? (Rule 62-296.401(6)(j), F.A.C.)-----  Yes  No
4. In order to demonstrate individual source compliance were the remaining applicable standards testing completed within 60 days prior to the AGP Notification form submission? (Rule 62-210.300(4), F.A.C.)  Yes  No
  - a) Carbon Monoxide (CO) emissions equal to or below the requirements of 100 parts per million by volume, dry basis, corrected to 7% O<sub>2</sub> on an hourly average basis and tested according to EPA Method 10 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
  - b) Oxygen test performed according to EPA Method 3 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
  - c) Particulate matter emissions test with results equal to or below the requirements of 0.080 grains per dry standard cubic foot (ft<sup>3</sup>) of flue gas, corrected to 7% O<sub>2</sub> and tested according to EPA Method 5 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
5. Was all emissions testing conducted with the source operating at the manufacturers recommended capacity?-----  Yes  No
6. Was CO & PM compliance demonstrated by submission of a test report for an identical crematory unit?  Yes  No
7. Was the Department notified at least 15 days prior to the date of the last formal compliance test?-----  Yes  No
8. Was the required test report filed with the Department as soon as practical, but no longer than 45 days after the test was completed?-----  Yes  No

**PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-296.401, F.A.C.**

(check  appropriate box(es))

1. Is there **Continuous Emissions Monitoring System (CEMS)** equipment installed on each unit to record temperatures in the primary and secondary chambers where there is a 1.0 second gas residence time in the secondary chamber combustion zone in accordance with the manufacturer's instructions?-----  Yes  No
  - a) Do temperature probes seem to be properly placed?-----  Yes  No
  - b) Are the following records kept on file, available for inspection for at least two years following the recording of such measurements, maintenance, reports and records?
    - 1) All measurements (including CEMS)-----  Yes  No
    - 2) Monitoring device-----  Yes  No
    - 3) Performance Testing Measurements -----  Yes  No
    - 4) CEMS Performance Evaluation-----  Yes  No
    - 5) All CEMS or monitoring device calibration checks-----  Yes  No
    - 6) Adjustments-----  Yes  No
    - 7) Preventive maintenance performed on systems/devices-----  Yes  No
    - 8) Corrective maintenance performed on systems/devices-----  Yes  No
2. Was this crematory unit constructed: (**check only one  box**)
  - a)  **BEFORE** August 30, 1989? (**If this box checked, continue on to #3 and skip #4**)
  - b)  **ON** or **AFTER** August 30, 1989? (**If this box checked, skip #3 and continue on to #4**)
3. If constructed **BEFORE** August 30, 1989 is the:
  - a) secondary chamber combustion zone providing at least a 1.0 second gas residence time @ **1600°F**?  Yes  No
  - b) actual operating temperature of the secondary chamber combustion zone no less than **1400°F** throughout the combustion process in the primary chamber?-----  Yes  No
  - c) cremation in the primary chamber begun after the secondary chamber combustion zone temperature is equal to or greater than **1400°F**?-----  Yes  No
  - d) required monitoring equipment installed and operational, and providing continuous monitoring to record the temperature at the point or beyond where 1.0 second gas residence time is obtained in the secondary chamber combustion zone according to the manufacturer's instructions?-----  Yes  No
4. If constructed **ON** or **AFTER** August 30, 1989 is the:
  - a) volume in the secondary combustion zone sufficient to provide at least a 1.0 second gas residence time @ **1800° F**?-----  Yes  No
  - b) the actual operating temperature of the secondary chamber combustion zone no less than **1600°F** throughout the combustion process in the primary chamber?-----  Yes  No
  - c) secondary chamber combustion zone temperature equal to or greater than **1600°F** before the cremation process begins in the primary chamber?-----  Yes  No
5. Are appropriate leak-proof containers containing no more than 0.5 % (percent) by weight chlorinated plastics used during the cremation of dead animals?-----  Yes  No
  - a) If the answer to question 4 above is YES, is certifying documentation from the manufacturer that they are composed of 0.5% or less by weight chlorinated plastics kept on file at the site for the duration of their use and for at least two years after their use?-----  Yes  No
  - b) If plastic bags are used for the cremation of animals are they non-chlorinated and no less than 3 mils thick?-----  Yes  No
  - c) Are dead animals, which have been used for medical or commercial experimentation, or other materials, including biomedical wastes (Rule 62-210.200, F.A.C.), incinerated at this location?-----  Yes  No
6. During this review period, was the largest batch load cremated 500 pounds per hour or less?-----  Yes  No
7. Have all crematory operators been trained and certified by a Department-approved training program?---  Yes  No
  - a) Are copies of the training certificates all crematory operators kept on file at the facility for the duration of the operator's employment & for an additional two years after termination of employment?-----  Yes  No

**PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-296.401, F.A.C.**

**A. New or Modified Process Equipment**

1. Since the last inspection has there been
  - a) installation of any new process equipment?-----  Yes  No
  - b) alterations to existing process equipment without replacement?-----  Yes  No
  - c) replacement of existing equipment substantially different than that noted on the most recent notification form?-----  Yes  No
  - d) If you answered **YES** to any of the above, did the owner submit a new and complete notification form and appropriate fee (Rule 62-4.050, F.A.C.) to the appropriate DEP or local program office?-----  Yes  No
2. If a crematory unit has been modified to the extent that a Department air construction permit was required, have all operators been retrained to operate the modified unit?-----  Yes  No
3. In the case of new or modified equipment, where a Department air construction permit was required, has the owner submitted copies of all operator training certificates?-----  Yes  No
  - a) submitted within the 15 day required window following the training?-----  Yes  No

Joseph V Panetta

12/3/2009

Inspector's Name (Please Print)

Date of Inspection

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:**

On 12/3/2009 a re-inspection was performed along with a VE audit. A Field Inspection Notice stating issues from the Field Warning Notice left on 11/04/2009 were corrected and that charts from 01/02/2008 through 11/30/2009 were checked and the documentation was clarified.  
Using this checklist the facility seems to be in compliance at time of inspection. The crematory initiative inspection may or may not prove that the thermocouple(s) are properly placed. That will be addressed after the measurements are reviewed by Department Staff.



Florida Department of Environmental Protection
Southwest District Office

FIELD INSPECTION NOTICE

Name / Owner / Operator: MICHAEL Hodges / FAITHful Friends Animal Crematory
Address: 5221 8th Street
Location / Source: Zephyrhills 33542-5028
Permit Number: 1010 492 Permit Exp. Date: 7/29/2012 Date and Time: 8:15 12/3/09

The purpose of this notice is to advise you of findings from a Florida Department of Environmental Protection (DEP) personnel conducted field inspection on the date listed above at the location described above. (For example, Where was activity observed? Who provided information to the inspector?)

Observations: This was a follow inspection from 11/4/09. MR. Le Blanc better documented the charts. CHARTS from January 2, 2008 through 11-30-09 were checked and secured. Proper documentation was made easier to read.

Rule or Statute Relevant to Observations Permit Condition No.

Table with 2 columns: Rule or Statute Relevant to Observations, Permit Condition No. Rows include: No Noticeable Unconfined Particulate Matter, No Violation of Permit Condition(s) Observed, No Objectionable Odor Observed, No Excessive Visible Emissions Observed On Site, No Construction Or Modifications Of Permitted Emission Units Observed, New Operating Rate, No Open Burning Observed, Other.

The activities observed during the Department's field inspection for the above location indicate that, at this time, your facility appears to be in compliance with Florida Administrative Code and your current permit conditions.

You are requested to contact [redacted] at the address or telephone number below within fifteen (15) days of receipt of this Field Inspection Notice if you have any questions about the above findings. We appreciate your cooperation during our inspection and look forward to any feedback you may have in reference to this inspection information.

Received by: Damon P LeBlanc Issued / Posted by: Joseph V. Panetta
Print: Damon P LeBlanc Print: Joseph V. Panetta
Title: Crematory Operator

# B&L CREMATION SYSTEMS, INC.

7205 114th Avenue North, Largo, Florida 34643

Phone (813) 541-4666 - Fax (813) 547-0669

1-800-622-5411

## START-UP ORDER

Job No. 9 7049  
Date Ordered 3/17/09  
Technician Joe Emory  
Date Started 3/23/09  
Date Finished 3/23/09  
Shop Time Out 6:30  
Job Time In 8:00  
Job Time Out 16:30  
Shop Time In \_\_\_\_\_

Customer \_\_\_\_\_  
Address \_\_\_\_\_  
Hodges Funeral Home  
Ms. Carolyn Hodges  
5221 8th Street  
Zephyrhills, FL 33542  
PI Ph:813-788-3065 Fx:813-788-3005  
Contact \_\_\_\_\_

Model # Parson Pak II  
Serial # 0270209  
  
Model # \_\_\_\_\_  
Serial # \_\_\_\_\_

Manual Received Yes \_\_\_ No \_\_\_  
Extra Copies Yes \_\_\_ No \_\_\_

### Personnel Trained:

DAMON PAUL LEBLANC \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Parts Needed: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Parts Ordered: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The above described work has been completed to my satisfaction:

Damon P. LeBlanc  
Customer's Authorized Signature

03-23-09  
Date

White (original)

Yellow (Customer Copy)

Pink (Office Copy)

# Faithful Friends Weekly Maintenance Checklist

Property Name: \_\_\_\_\_

Performed By: \_\_\_\_\_ Date: \_\_\_\_\_

1. \_\_\_\_\_ Clean both opacity lenses.
2. \_\_\_\_\_ Adjust opacity monitoring equipment.
3. \_\_\_\_\_ COOLER TEMP
4. \_\_\_\_\_ CLEAN CREMATION GENERAL AREA <sup>WORK</sup>

Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# Faithful Friends Monthly Maintenance Checklist

Property Name: \_\_\_\_\_

Performed By: \_\_\_\_\_ Date: \_\_\_\_\_

1. \_\_\_\_\_ Clean Spark plugs and set gaps.
2. \_\_\_\_\_ Check condition of spark plugs, wires and connectors.
3. \_\_\_\_\_ Clean both flame detectors. (usually 2 detectors)
4. \_\_\_\_\_ \_\_\_\_\_
5. \_\_\_\_\_ \_\_\_\_\_

Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# Faithful Friends Quarterly Maintenance Checklist

Property Name: \_\_\_\_\_

Performed By: \_\_\_\_\_ Date: \_\_\_\_\_

1. \_\_\_\_\_ Door component inspection and lubrication.
2. \_\_\_\_\_ Inspect exhaust stack for rust or hot spots.
3. \_\_\_\_\_ Is there 6" clearance from exhaust stack to combustible material?
4. \_\_\_\_\_ What is the closest clearance between the exhaust stack and any combustible materials surrounding the stack below its penetration through the roof?
5. \_\_\_\_\_ Are all combustible materials protected from the heat of the exhaust vent with a non-combustible liner.
6. \_\_\_\_\_ Inspect the inner refractory lining of refractory lined stacks to be sure the refractory is not falling away.
7. \_\_\_\_\_ Check that the entrance of fresh air into the cremation equipment room is not blocked.
8. \_\_\_\_\_ \_\_\_\_\_
9. \_\_\_\_\_ \_\_\_\_\_



# Faithful Friends Semi-Annually Maintenance Checklist

Property Name: \_\_\_\_\_

Performed By: \_\_\_\_\_ Date: \_\_\_\_\_

1. \_\_\_\_\_ Clean fan blades.
2. \_\_\_\_\_ Lubricate fan motor.
3. \_\_\_\_\_ Check that burner flames appear normal.
4. \_\_\_\_\_ Inspect primary (cremation) chamber refractories.
5. \_\_\_\_\_ Inspect secondary (afterchamber) refractories.
6. \_\_\_\_\_ Inspect draft inducer equipment.
7. \_\_\_\_\_ Check that all lights, switches and timers operate properly.
8. \_\_\_\_\_ Check all linkage arms for tightness.
9. \_\_\_\_\_ Check that cremation equipment is level with 1/8" side to side and front to back.
10. \_\_\_\_\_ Inspect temperature controller thermocouple or protection well for breakage.

Notes: \_\_\_\_\_

# Faithful Friends

## Stack Inspection and Housekeeping Checklist

Property Name: \_\_\_\_\_

Performed By: \_\_\_\_\_ Date: \_\_\_\_\_

Stack cap condition: \_\_\_\_\_

Stack cap requires repair or replacement: \_\_\_\_\_ yes \_\_\_\_\_ no

Stack cap requires painting: \_\_\_\_\_ yes \_\_\_\_\_ no

Stack exterior condition: \_\_\_\_\_

Stack requires repair or replacement: \_\_\_\_\_ yes \_\_\_\_\_ no

Stack requires painting: \_\_\_\_\_ yes \_\_\_\_\_ no

Stack jacketing or shield condition: \_\_\_\_\_

Stack jacketing or shield condition: \_\_\_\_\_

Rain collar has good seal-water cannot run down stack onto top of machine: \_\_\_\_\_ yes \_\_\_\_\_ no

Roof flashing has good seal-water cannot drip onto top of machine: \_\_\_\_\_ yes \_\_\_\_\_ no

Draft inducer is free of rusted-out spots: \_\_\_\_\_ yes \_\_\_\_\_ no

Wiped down exterior surfaces of cremator with damp cloth: \_\_\_\_\_ yes \_\_\_\_\_ no

Cleaned off dust from top and rear of cremator: \_\_\_\_\_ yes \_\_\_\_\_ no

Checked for debris below charging and clean-out doors: \_\_\_\_\_ yes \_\_\_\_\_ no

Checked that nothing is stacked against or on top of cremation equipment: \_\_\_\_\_ yes \_\_\_\_\_ no

Cleaned cremains processor exterior surfaces: \_\_\_\_\_ yes \_\_\_\_\_ no

Cleaned cremains processor interior surfaces: \_\_\_\_\_ yes \_\_\_\_\_ no

Swept and damp-mopped all floor surfaces: \_\_\_\_\_ yes \_\_\_\_\_ no

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**NEOGEN Vet**

944 Nandino Blvd.  
Lexington KY, 40511  
800/525-2022(USA/Canada)  
Fax: 877/228-7229  
E-mail: [inform@neogen.com](mailto:inform@neogen.com)  
[www.neogen.com](http://www.neogen.com)

**Fax Memorandum**

Date: 12/17/07

To: Carline

Company: Faithful Friends/<sup>3lak</sup>Animal Hospital

Fax#: 813-783-3005

From: Melissa

# of Pages:

Subject:

Dept. Of Environmental Protection

DEC 19 2007

Southwest District

**Comments:**

Carline - Here you go. If you have any other questions, please let me know!

*Melissa*

*Neogen  
Purchase  
Kane Enterprises  
2007*

**Melissa Ballard**  
Territory Manager  
Ethical Sales



944 Nandino Blvd.  
Lexington, KY 40511  
Phone: 859/254-1221  
800/525-2022  
fax: 859/255-5532  
[mballard@neogen.com](mailto:mballard@neogen.com)  
[www.neogen.com](http://www.neogen.com)

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**KANE ENTERPRISES**  
AG-TEK DIVISION

March 5, 2007

Dear Customer:

This letter is intended to inform you that our Ag-Tek Cadaver Bags are manufactured of 3.0 mil polyethylene film and contain no chlorides.

If you have any further questions regarding Ag-Tek Cadaver Bags, please contact us at 800-336-8577.

Sincerely,

Kevin Kane  
President

KK/da

## MATERIAL SAFETY DATA SHEET

# Ampacet

Page 13  
Date Issued: 03/25/02  
Date Revised: 01/01/02  
3119-01119873

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 19673  
Product Description: BLACK PE MB  
Chemical Family: Color Concentrates and Compounds

Supplier:  
Ampacet Corporation  
660 White Plains Road  
Tarrytown, NY 10591

24 HR. Emergency Telephone Numbers:  
Emergency Phone: Day - 914-631-6600  
Emergency Phone: Night - 337-463-6001  
Contact: Day - Safety Dept.  
Contact: Night - Laboratory

## 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

	%	CAS#	HSINCS/UNCS#
CARBON BLACK (PK7)	50.7	1333-86-4	215-600-9

## 3. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW

## IMMEDIATE CONCERNS:

Low hazard for usual industrial or commercial handling.

## POTENTIAL HEALTH EFFECTS

## EYES

Low hazard for usual industrial or commercial handling.

## SKIN

Low hazard for usual industrial or commercial handling.

## INGESTION

Ingestion is not expected to occur. If swallowed, may physically irritate digestive system.

## INHALATION

Low hazard for usual industrial or commercial handling.

## ROUTES OF ENTRY

Low risk of entry in present form.

## WARNING: CAUTION LABELS

Carbon black, *Required in Canada. Not required in Europe, U.S.*

## 4. FIRST AID MEASURES

## EYES

Not likely to be an eye hazard in present form.

## SKIN

For hot product, *immerse* immediately immerse in, or flush the affected area with large amounts of cold water. Cover with clean cotton sheeting or gauze and get prompt medical attention. Do not remove material from skin as the damaged flesh can be easily torn.

## INGESTION

Not likely to be ingested in present form.

## INHALATION

No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air. Get medical attention if cough or other symptoms develop.

## 5. FIRE FIGHTING MEASURES

Flash Point: *None* (600°F)

Extinguishing Media:

dry chemical foam, carbon dioxide or water spray.

Hazardous Combustion Products:

None.

Fire Fighting Procedure:

As in any fire, wear and use self-contained pressure-demand breathing apparatus and full protective gear.

## MATERIAL SAFETY DATA SHEET

**Ampacet**

Page: 15  
 Date Issued: 03/25/03  
 Date Rev. Issd: 01/01/03  
 3119-01(1997)

**6. ACCIDENTAL RELEASE MEASURES****GENERAL PROCEDURES**

Stop source of spill. Sweep up for immediate collection and disposal. If material enters a sewer or waterway, notify responsible authorities of presence of non-toxic plastic pellets.

**7. HANDLING AND STORAGE****HANDLING**

Use with adequate ventilation. Minimize dust generation.

**STORAGE**

Do not store near heat, flame nor strong oxidants.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****EXPOSURE GUIDELINES**

OSHA PEL: 4 3.5 mg/m<sup>3</sup> total dust: As CHITLV

**ENGINEERING CONTROLS**

If process generates dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**PERSONAL PROTECTIVE EQUIPMENT****EYES AND FACE**

Wear eye face protection appropriate for the specific hazard.

**SKIN**

Low hazard for usual industrial or commercial handling.

**RESPIRATORY**

If dust, smoke or fumes are generated in processing or handling, wear appropriate approved respiratory protection to keep concentration below the permissible exposure limit.

**WORK HYGIENE PRACTICES**

Wash before eating, drinking or smoking.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Color: NO SIGNIFICANT ODOR

Appearance: SOLID

Color: BLACK

Specific Gravity: 1.22

Melting Point: > 20,500,000°C

Water Solubility: Insoluble.

**10. STABILITY AND REACTIVITY**

STABILITY: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID:

Do not store near heat, flame nor strong oxidants. Minimize dust generation and accumulation.

HAZARDOUS DECOMPOSITION PRODUCTS:

None

**11. TOXICOLOGICAL INFORMATION****EYE EFFECTS:**

Not toxic.

**SKIN EFFECTS:**

Not toxic.

**TARGET ORGANS:**

None

**CARCINOGENICITY:**

Possible risk of irreversible effects. Carbon black is classified by IARC as Group 2P possible human carcinogen. When encapsulated in a plastic matrix, risk of exposure is reduced.

## MATERIAL SAFETY DATA SHEET

# Ampacet

Page 35  
 Date Issued: 03/25/02  
 Date Revised: 01/01/02  
 5119-01/19673

## BIODISPONIBILITY:

Not considered to be mutagenic.

## REPRODUCTIVE EFFECTS:

Not believed to be a reproductive hazard.

## 12. ECOLOGICAL INFORMATION

## ENVIRONMENTAL DATA:

Not expected to be hazardous to the environment in present form.

## ACUTE TOXICOLOGICAL INFORMATION:

May be harmful or irritable if ingested.

## GENERAL COMMENTS:

Keep out of waterways.

## 13. DISPOSAL CONSIDERATIONS

## PROPER DISPOSAL:

Sweep up spilled material and place in suitable container for recycle or disposal. Dispose of recovered material according to current regulations.

## RCRA HAZARD CLASS:

Does not contain RCRA regulated materials.

## GENERAL COMMENTS:

It is recommended that all waste be analyzed for compliance to applicable laws and regulations governing proper waste disposal methods and reporting requirements.

## 14. TRANSPORT INFORMATION

## DOT/US DEPARTMENT OF TRANSPORTATION:

Hazard Class: \*

UN NA Number: \*

## INTERNATIONAL:

IMO/INTERNATIONAL MARITIME ORGANIZATION:

IMO: \*

EUROPEAN TRANSPORTATION:

ADR RD Hazard Classification: \*

ADR RD Item Number: \*

AIR (IATA):

IATA: \*

## 15. REGULATORY INFORMATION

## CANADA:

DSL:

All ingredients in this product appear on the Canada EPA Domestic Substance List (DSL).

WHMIS:

This product contains the following WHMIS controlled ingredients:

Chemical Name

CARBON BLACK (BK2)

## EUROPEAN COMMUNITY:

EU DANGEROUS PREPARE:

This product does not contain ingredients identified as hazardous according to labeling requirements of 67/548/EEC.

EU SYMBOL:

RISK PHRASE CODES:

Risk Phrase: \*

Safety Phrase: \*

CHEMICAL REGISTRY:

Chemical Name

POLYETHYLENE TEREPHTHALATE

FINES PLUM 34  
 EXEMPT

MATERIAL SAFETY DATA SHEET

**Ampacet**

Page: 10  
 Date issued: 03-25-02  
 Date Revised: 01-01-02  
 31190419073

CARBON BLACK (PK7)	215-006-9
ZINC STEARATE	209-151-0
OCTADECYL 3,5-DI-TERT-BUTYL-4-HYDROXY- BRO-CINNAMATE	218-216-1
TRIS(2,4-DI-TERT-BUTYLPHENYL)PHOSPHITE	2507066

UNITED STATES

TSCA TOXIC SUBSTANCE CONTROL ACT

ALL COMPONENTS IN THIS PRODUCT (LISTED BELOW) APPEAR ON THE E.P.A. TSCA INVENTORY:

Chemical Name	CAS#	TSCA Section
POLYETHYLENE HOMOPOLYMER	9002-88-4	*
CARBON BLACK (PK7)	1333-86-4	*
ZINC STEARATE	557-05-1	*
OCTADECYL 3,5-DI-TERT-BUTYL-4-HYDROXY- BRO-CINNAMATE	2682-79-3	*
TRIS(2,4-DI-TERT-BUTYLPHENYL)PHOSPHITE	3157-004-4	*

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Health Categories:

Fire: NO Pressure Generating: NO Reactivity: NO Acute: YES Chronic: YES

SARA 312:

Chemical Name  
 CARBON BLACK (PK7)

CAS#  
 1333-86-4  
 2b  
 507

SARA 313:

Chemical Name  
 NONE

CAS#  
 2b

OSHA HAZARD COMMUNICATION RULE:

This product contains ingredients which are hazardous according to 29 CFR 1910.1200 (see Section 2)

HMS CODES:

Health: 2 Fire: 1 Reactivity: 0

CLEAN AIR ACT:

This product does not contain substances which are defined as hazardous air pollutants under, and subject to the reporting requirements of Section 301 of Title III of the Clean Air Act Amendments of 1990.

This product is not formulated with, nor does the process utilize any known Class I or Class II ozone depleting substances regulated by the EPA Clean Air Act (40 CFR Part 82) or the Montreal Protocol.

NATIONAL RESPONSE CENTER:

PHONE: 800-424-8802 OR 202-267-2678

STATE REGULATIONS:

NEW JERSEY RIGHT-TO-KNOW ACT

Chemical Name	CAS# INTERN
CARBON BLACK (PK7)	1333-86-4
POLYETHYLENE HOMOPOLYMER	9002-88-4
ZINC STEARATE	557-05-1
TRIS(2,4-DI-TERT-BUTYLPHENYL)PHOSPHITE	3157-004-4
OCTADECYL 3,5-DI-TERT-BUTYL-4-HYDROXY- BRO-CINNAMATE	2682-79-3

CALIFORNIA

PROPOSITION 65:

This product does not contain any substances which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

16. OTHER INFORMATION

\* Not Applicable \*\* Not Determined