



PART VII

# FM186-2 Spill Response Program

**YARD: WINDHAM, ME**



**Copart, Inc.**  
**Spill Clean Up Program**

**YARD: WINDHAM, ME**

**FACILITY CONTACT INFORMATION**

**GENERAL MANAGER:** \_\_\_\_\_

**ASSISTANT GENERAL MANAGER:** \_\_\_\_\_

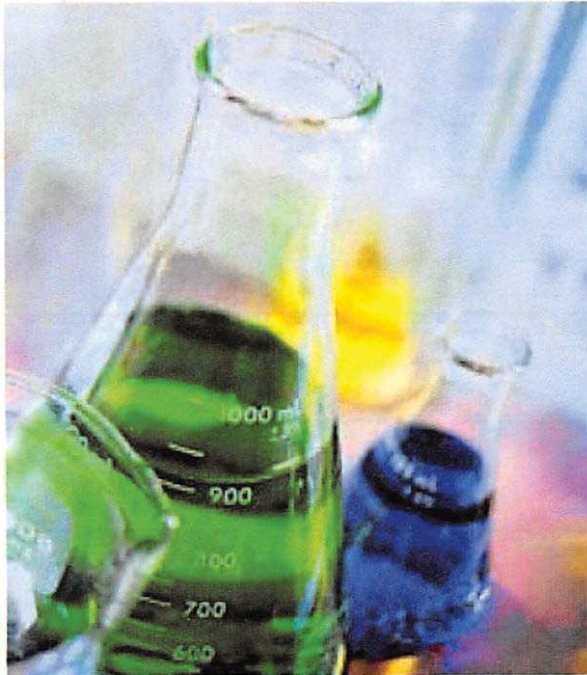
**AREA SAFETY MANAGER:** \_\_\_\_\_

**REGIONAL MANAGER:** \_\_\_\_\_

## PROGRAM DESCRIPTION

Copart, Inc. has adopted a program for responding to hydrocarbon spills. The FM 186-2 Program uses proprietary chemistry that solubilizes and micro-emulsifies hydrocarbon, thereby suppressing VOC release and removing residual contamination left behind with the kitty litter/hazardous waste drum method.

Under both Federal and State regulations, during an immediate response to a spill, there is an exemption from the requirement to obtain a treatment, storage, or disposal permit.\* The resulting waste must then be properly characterized. When the FM 186-2 Program is properly applied to small hydrocarbon spills, the resulting waste is rendered nonflammable and nonhazardous according to State and Federal Regulations. \*\* In addition, the hydrocarbon becomes bioavailable for enhanced biodegradation. Federal and State regulations require generators to determine their waste. Prior knowledge can be applied to the process used to clean up identifiable waste streams. ECS supplies demonstrated application and clean up techniques that Copart applies as part of our process knowledge package. Nothing herein is to be taken as approval that all spilled products would be rendered nonhazardous. Ultimately it is up to the responder to determine the resulting clean up material and to dispose of it correctly. On large, difficult to contain hydrocarbon spills, containing the spill is paramount. Use the provided sock booms. Once containment has been attained, for volatile fuels, spraying the FM 186-2 solution over the entire surface of the spill suppresses



flammable vapors. After absorbing the spill as safely and rapidly as possible, final clean up for residual contamination with the FM 186-2 solution should be conducted following the "Small Spill Clean Up" procedure. Even though the FM 186-2 solution has been used in these spills, the collected absorbents are treated as hazardous waste and must be characterized properly.

\* Federal 40CFR 264.1 (g)(8)(i)(C), 40CFR 270.1 (C)(3) and California State 22CCR 66264.1(g)(8)(A)(3), 22CCR 66270.1 (C)(3)

\*\* **Petroleum waste is a presumptive hazardous waste and the users/generators are responsible for proper waste characterization and disposal.** Federal and state regulations require generators to determine their waste classification(s). Regulations also allow for prior knowledge of the waste and treatment procedures in determining the waste's classification. The FM 186 program is a treatment procedure that can be applied as part of the prior knowledge package. Nothing herein is to be taken as approvals that all spill materials would be rendered non-hazardous. Ultimately it is up to the generator to determine the resulting clean up material and to dispose of it correctly.



## SMALL SPILL CLEAN UP PROTOCOL

A small spill is a spill that is easily contained and does not require use of sock booms. Always follow your company's procedures carefully.

### 1.0 ALWAYS UTILIZE PERSONAL PROTECTIVE EQUIPMENT (PPE)

- |                 |         |        |       |
|-----------------|---------|--------|-------|
| 1.1 Safety Vest | Goggles | Gloves |       |
| FM 186-2        | Sprayer | Pads   | Broom |

A - Assess the spill and cone off the area.

B - Be safe – personal and public safety.

C - Clean up properly – follow your company guidelines carefully.

D - Determine waste and dispose of it correctly.

### 2.0 SPILL CLEAN UP

- 2.1 Spray the FM 186-2 completely around the spill
- 2.2 Cover the entire the spill area with the FM 186-2. Use a 1 to 1 ratio (one part FM 186-2 to one part spilled fuel).
- 2.3 Working from the outside edges first, mix the chemistries by pushing and pulling the solution within the impacted area towards the center of the spill.
- 2.4 As you mix the FM 186-2 with the spill, you will notice there is a bubbling action that starts to take place. In warmer weather this action may happen relatively quickly and in cooler weather it may be somewhat delayed.
- 2.5 As you start to mix the chemistries, the first reaction will turn the solution a milky white. Shortly thereafter the "bubbling" becomes quite pronounced.
- 2.6 Continue mixing until bubbling stops. If there is still bubbling going on, your mixture is incomplete. Remember, the larger the spill, the longer it will take to properly mix in the FM 186-2 chemistry.
- 2.7 When the bubbling action has stopped, you have successfully completed the reaction. Wait a couple of minutes to assure that the reaction is complete. It is now ready to be sorbed up.
- 2.8 Lay the sorbent pads in such a manner as to cover the ENTIRE SURFACE of the spilled fuel and allow the pads to sorb up the mixture.
- 2.9 After a couple of seconds use the brush to move the pads around to assist in this process.
- 2.10 Leave cones in place until all moisture has evaporated.
- 2.11 Remember to replace any products used from your spill kit immediately.

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## CLEANING UP SMALL SPILLS ALWAYS WEAR PPE



A small spill is one that is easy to contain. Remember to always wear your personal protective equipment (PPE). **Place one of your vests in the red bag containing your PPE so it will be there when you need to respond to a large spill.**

(See Protocol 1.0 and 1.1)

Circle the spill with FM 186-2 solution. Then spray over the entire spill area. Use a 1:1 ratio or, as much FM 186-2 solution as spilled fuel. (See Protocol 2.1 and 2.2)



Begin brushing the spill and FM 186-2 solution into the center of the spill area (See Protocol 2.3)

**Hot Tip:** Improve your curb appeal by frequently responding to the small drips that occur on a daily basis. Use the methods described.



## SMALL SPILLS – Continued

As you mix the FM 186-2 into a spill, you will notice a bubbling action taking place. Continue mixing until the bubbling stops. In warmer weather, this action happens rapidly. In cooler weather, it will happen more slowly. If bubbling action is still happening, the mixing is incomplete - so continue to mix vigorously. REMEMBER: The larger the spill, the longer it will take to properly combine the spilled fuel and the FM 186-2. (See Protocol 2.4 - 2.7)



Lay sorbent pads over the entire spill area and let the pads soak up the mixture. Move the pads around with the broom to assist in this process. (See Protocol 2.8 and 2.9)



Use enough sorbent pads so that none of them are soaked through and dripping. Dispose of the used pads properly. (See Protocol 2.10 – 2.11)

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## Emergency Spill Response – Rock and Dirt

The addition of FM 186-2 enhances remediation of the contamination. As with spill procedures, the mixing of the FM 186-2 with the hydrocarbon is important. In addition, turning of the surface by mechanical action increases the oxygen level within the substrate. This enhances natural bacterial growth which is the key to the biodegradation of the contamination. The following procedure should be followed for maximum results.

### Assess the extent of the contamination.

This involves assessing both the amount of hydrocarbon and the total area that the hydrocarbon reached.

1. Scar up the area to increase effectiveness.
2. Apply FM 186-2 solution to cover the entire stain in the soil. Apply this evenly over the contaminated area.
3. Mix well with steel rake and reapply FM 186-2 if necessary.
4. Apply a small amount of Phosphorus-Free fertilizer, with a higher nitrogen count than potassium. The number should be 10-0-5 or 20-0-10. Sprinkle over the treated area. Do Not add too much fertilizer. you do not want to grow weeds.  
(Note: Be sure that the fertilizer does not contain any additional components that inhibits bacterial growth or contains weed killer.
5. Keep the soil moist but do not over water. Too much water will slow the remediation process. Add water once a week if it does not rain.



### **MARK and MONITOR**

6. After 30 days, sample the area and evaluate progress. This can be accomplished by noting the absence or presence of hydrocarbon odor. Some discoloration is natural.

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## Emergency Spill Response - Asphalt and Concrete Large Spills Over One Gallon

**A large spill requires a phone call to your Area Equipment and Safety Manager**

1. Locate the source and stop the spill. The contaminated area should be cordoned off and customers and others kept out. If volatile fuel is spilled, to reduce the danger of fire, suppress the vapors by spraying FM 186-2 solution over entire spill area. **Containment of spills is a critical first step, for safety and in order to protect the environment.**
2. Health and safety are primary concerns as a large spill is handled. The use of FM 186-2 to reduce the level of volatile hydrocarbon is also an important step. Even though a complete reaction may not take place, the volatile levels will be significantly reduced during an event.
3. Sock booms have been provided to protect storm drains and stop the forward migration of the spill. It is imperative that the storm water system be protected from any spilled hydrocarbon. If the spill looks like it may enter the storm drain, surround storm drains with the white oleophilic sock booms.
4. After protection has been provided for the storm drain system, assess the extent of the spill. If necessary, absorb raw hydrocarbon in white oleophilic pads. These will be placed in orange plastic waste bags.
5. After the spilled material has been removed, spray the FM 186-2 solution on the residual oils left on the ground and brush it in thoroughly.
6. Pick up solution with provided pads (gray or white)
7. Place all material into the orange bag, seal and label it as: **Hydrocarbon Hazardous Waste**. Pick up and disposal should proceed according to company guidelines.

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## **Emergency Spill Response - Continued Equipment and Safety Managers**

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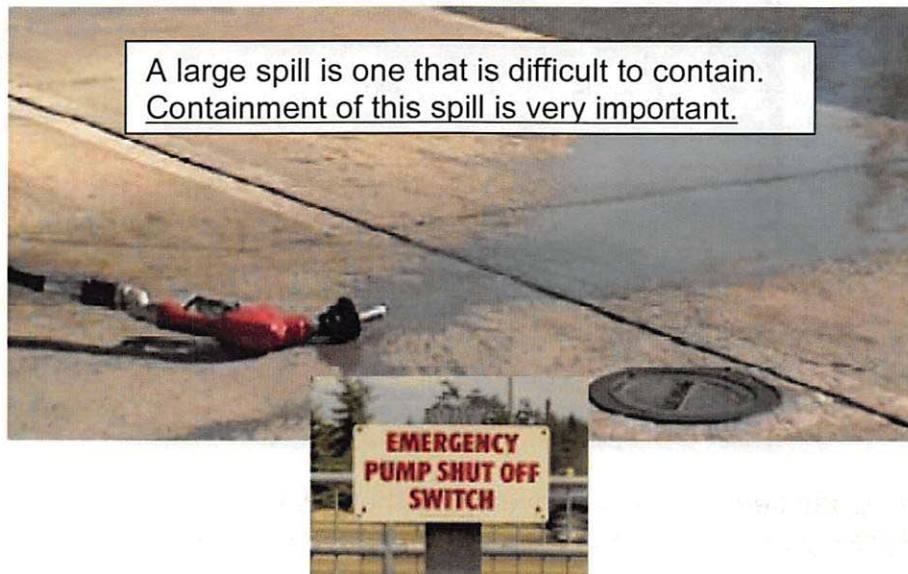
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## HOW TO HANDLE LARGE SPILLS SAFELY ALWAYS WEAR PPE



**When a large spill occurs –** Press the **system shutoff switch** (if necessary) to shut down the station and begin to contain the spill.



Collect the ECS spill kit, proceed to the spill area and begin to contain the spill.



Place sock booms to protect the storm drain or edge of the property.



Place sorbent pads to contain the flow.



## Large Spills – Continued



After the spill has been contained, overspray the spill area with the FM 186-2 solution. This overspray greatly reduces the danger of fire and explosion.

Clean up the used sorbent pads and sock booms by collecting them in the orange disposal bags provided in the ECS spill kit. Seal the bags and label them: **HYDROCARBON – HAZARDOUS WASTE. Pick up and disposal should proceed according to your company guidelines.** Following the cleanup of a large spill, remember to replenish your supply of FM 186-2 and sorbents.




**Hot Tip:** Hold training spill drills on a regular basis using water. This is a good way to prepare for a large spill.

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## AST Inspections

An inspection of the fuel tank and surrounding area shall be conducted weekly. Each inspection shall be logged on the AST Visual Inspection Checklist shown below. Completed checklists are to be filed in the GM's office and kept for a minimum of 3 year.

 DEPARTMENT OF EQUIPMENT, SAFETY, & ENVIRONMENTAL COMPLIANCE ENVIRONMENTAL MANAGEMENT PROGRAM	
AST VISUAL INSPECTION CHECKLIST	
Yard #:	Yard Name:
Street Address:	City:
Tank Capacity:	ZIP:
<input type="checkbox"/> Split Tank <input type="checkbox"/> Double-Walled	Tank Unit ID: U.L. Rating: 142 2085
Tank Contents: <input type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Other	
Any item marked "No" requires additional information to describe the condition and date the condition is corrected.	
ITEM	STATUS
Primary Tank and Piping	
1 Is tank exterior (roof, shell, ends, connections, fittings, valves, etc.) free of visible leaks? <i>Note: If "No", identify tank and describe leak.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
2 Is aboveground piping (valves, fittings, connections, pumps, etc.) free of visible leaks? <i>Note: If "No", identify location and describe leak.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3 Are ladders/platforms/walkways secure with no sign of severe corrosion or damage?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
4 Are all tank openings properly sealed (capped, plugged, covered, blind flanged, etc.)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5 Is the tank fuel level gauge readable and in good working condition? <i>Check fuel level with gauge stick and confirm the gauge is reading correctly, log test results. Remove gauge or site glass and verify the plunger moves freely.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Site Glass: <input type="checkbox"/> Test Readings: <input type="checkbox"/> Gauge (Level)
6 Is overfill prevention equipment in good working condition (overfill valve, audible alarm, etc.)? <i>If present, Test audible alarm and notate results in comments</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
7 Is the spill container (spill bucket) empty, free of visible leaks and in good working condition?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
8 Is the primary tank contents free of debris or other contaminants?	<input type="checkbox"/> Yes <input type="checkbox"/> No
9 Is the area around the tank (concrete surfaces, ground, containment, etc.) free of visible signs of leakage?	<input type="checkbox"/> Yes <input type="checkbox"/> No
10 Is the pumping device in good working condition and has the filter been replaced in the past 6 months?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Filter Changed
11 Signage: Are all required signs and postings in place? <i>i.e. No Smoking, NFPA Diamond or DOT 1993, Combustible Fluid</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Double-Wall Tank	
12 For double-wall tanks, is interstice free of liquid?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
13 For double-wall tanks, is interstitial (Leak Detection) monitoring equipment in good working condition?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Containment (Diking/Impounding)	
14 Is the containment free of liquid, debris, combustible materials, and empty or full drums/barrels.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
15 Are containment egress pathways clear and any gates/doors operable?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Other Conditions	
16 A Spill Kit is present on or near the fuel tank and is kept adequately stocked	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
17 Is the system free of any other conditions needing to be addressed for continued safe operation?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Inspector Information	
Printed Name:	Signature:
	Date:





# Waste Analyticals And Review

**Environmental Chemical Solutions**  
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[www.ecschem.com](http://www.ecschem.com)

## The Process of Knowledge at the Copart Facility

For establishing knowledge of the treated waste at the Copart facility, five areas were identified for sampling and analysis. Since the vehicles are all parked in the same direction, it is assumed that the spilled material from the rear of the car is rear end oil and from the middle of the car, transmission fluid. However, spills from the front of the car could be any number of fluids including hydraulic brake fluid, transmission fluid, power steering oils, motor oils, differential fluid (same as rear end fluid in a front wheel drive) and possibly some small amounts of antifreeze. Antifreeze is not a fluid expected since most antifreeze is lost at the scene of the accident.

A total of five samples were processed. Since most of the spillage occurs from the front of the vehicle, three samples were drawn from the front area, one from the middle and one from the rear. The sample from the middle area was drawn from the soil/rock yard while the rest were obtained from the hard surface staging area.

All spills were treated with FM 186 by a Copart employee and were immediately placed in clean sealed glass containers and placed on ice. All samples were sent by chain of custody to a state certified laboratory with TCLP metals, STLC metals and Title 22 aquatic toxicity testing conducted. Since the fluids do not exhibit any form of flammable hazard or contain benzene, ignitability and TCLP benzene were not run.

All samples passed the TCLP and STLC metals and the Title 22 aquatic toxicity testing. The results are illustrated in the following tables.



**The sample number designated the size of the spilled material while the location illustrates where from the vehicle the spill generated.**

Sample # (size)	12x3"	Location: Rear	REGULATORY LIMIT
	TCPL Metals	STLC Metals	
Arsenic	ND	ND	5.0
Barium	2.88	3.05	100.0
Cadmium	ND	ND	1.0
Chromium	ND	0.364	5.0
Lead	0.126	3.47	5.0
Selenium	ND	0.139	1.0
Silver	ND	ND	5.0
Mercury	ND	ND	0.2

Aquatic Tox      pass >750  
All data is in parts per million

Sample # (size)	12x6"	Location: Front	REGULATORY LIMIT
	TCPL Metals	STLC Metals	
Arsenic	ND	ND	5.0
Barium	1.61	3.31	100.0
Cadmium	ND	ND	1.0
Chromium	ND	0.585	5.0
Lead	0.070	4.30	5.0
Selenium	ND	ND	1.0
Silver	ND	ND	5.0
Mercury	ND	ND	0.2

Aquatic Tox      pass >750  
All data is in parts per million

Sample # (size)	18x24"	Location: Front	REGULATORY LIMIT
	TCPL Metals	STLC Metals	
Arsenic	ND	0.057	5.0
Barium	1.55	2.10	100.0
Cadmium	ND	ND	1.0
Chromium	ND	0.534	5.0
Lead	ND	2.21	5.0
Selenium	ND	0.417	1.0
Silver	ND	0.277	5.0
Mercury	ND	ND	0.2

Aquatic Tox      pass >750  
All data is in parts per million

Sample # (size) **24x24"**

**Location: Front**

**REGULATORY LIMIT**

	TCPL Metals	STLC Metals	
Arsenic	ND	0.054	5.0
Barium	1.61	2.93	100.0
Cadmium	ND	ND	1.0
Chromium	ND	0.548	5.0
Lead	0.050	3.33	5.0
Selenium	ND	0.412	1.0
Silver	ND	ND	5.0
Mercury	ND	ND	0.2

Aquatic Tox pass >750

All data is in parts per million

Sample # (size) **S-1 24x18"**

**Location: Middle (soil)**

**REGULATORY LIMIT**

	TCPL Metals	STLC Metals	
Arsenic	ND	0.071	5.0
Barium	1.47	3.11	100.0
Cadmium	ND	ND	1.0
Chromium	ND	0.195	5.0
Lead	ND	0.185	5.0
Selenium	ND	0.206	1.0
Silver	ND	0.083	5.0
Mercury	ND	ND	0.2

Aquatic Tox pass >750

All data is in parts per million





Field analytical data was collected under standard protocol, transported in industry recognized containers, and was kept on ice or chilled.

Spills were immediately treated and preserved. Code of behavior included split sampling to verify protocol or were in response to a spill of opportunity. Material was submitted to California State certified laboratories for waste determination.

This and other data is used to help determine and quantify generator knowledge.

**Environmental Chemical Solutions**  
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SAMPLES ANALYZED FOR ECS  
by Associated Laboratories, Orange, CA

AQUATIC TOXICITY TESTING  
by Associated Laboratories, Orange, CA

Project ID: **ExxonMobil**

Project Description: **250 mls. (1 cup) of regular unleaded gasoline was spilled and cleaned up.**  
**FULL EXTRACTION**

LR #	Order # Client Smpl. ID	S Date	Method	Analyte	Result	DLR Units
122689	490130 S-1, S-2 composite	01/12/2004	1030	Ignitability of Solids	Pass	P/F
122689	490130 S-1, S-2 composite	01/12/2004	1311/8260	Benzene TCLP	ND	12500 ug/L
122689	490130 Laboratory Blank		1311/8260	Benzene TCLP	ND	0.005 ug/L
	490130 S-1, S-2 composite	1/12/2004	Title 22	Aquatic Toxicity	Pass	>750 mg/L

*This data is a summary of the testing information. For actual laboratory sheets, chain of custody, etc., please contact ECS*

SAMPLES ANALYZED FOR ECS  
by Associated Laboratories, Orange, CA

AQUATIC TOXICITY TESTING  
by MBC Applied Environmental Sciences, Costa Mesa, CA

Project ID: **Elsinore Old: Chevron**

Indicates FM formula over 1 year old

Project Description: **500 mls. (2 cups) of regular unleaded gasoline was spilled and cleaned up.**

LR #	Order # Client Smpl. ID	S Date	Method	Analyte	Result	DLR Units
111750	436669 Elsinore Old	06/05/2003	1030	Ignitability of Solids	Pass	P/F
111750	436669 Elsinore Old	06/05/2003	1311/8260	Benzene TCLP	0.123	0.05 mg/L
111750	436670 Laboratory Method Blank		1311/8260	Benzene TCLP	ND	0.005 mg/L
	03-373 Elsinore Pad Old	6/5/2003	Title 22	Aquatic Toxicity	Pass	>750 mg/L

*This data is a summary of the testing information. For actual laboratory sheets, chain of custody, etc., please contact ECS*

Project ID: **Vons / Safeway**

Project Description: **Spilled 250 mg (1 cup) regular unleaded gasoline and was cleanup up**  
At regulatory request, ran complete spectrum of 8260

LR #	Order # Client Smpl. ID	S Date	Method	Analyte	Result	DLR Units
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	1,1 Dichloroethylene	ND	0.005 mg/L
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	1,2 Dichloroethane TCLP	ND	0.005 mg/L
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	Benzene TCLP	0.033	0.005 mg/L
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	Carbon Tetrachloride	ND	0.005 mg/L
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	Chlorobenzene TCLP	ND	0.005 mg/L
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	Chloroform TCLP	ND	0.005 mg/L
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	Methylethylketone TCLP	ND	0.10 mg/L
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	Tetrachloroethylene T	ND	0.005 mg/L
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	Trichloroethylene TCLP	ND	0.005 mg/L
112719	441169 V/S 1818X-2	06/23/2003	1311/8260	Vinyl Chloride TCLP	ND	0.005 mg/L
112719	441170 V/S 1818X-3	06/23/2003	1030	Ignitability of Solids	Passes	P/F
112719	441171 Laboratory Method Blank		1311/8260	1,1 Dichloroethylene	ND	0.005 mg/L
112719	441171 Laboratory Method Blank		1311/8260	1,2 Dichloroethane TCLP	ND	0.005 mg/L
112719	441171 Laboratory Method Blank		1311/8260	Benzene TCLP	ND	0.005 mg/L
112719	441171 Laboratory Method Blank		1311/8260	Carbon Tetrachloride	ND	0.005 mg/L
112719	441171 Laboratory Method Blank		1311/8260	Chlorobenzene TCLP	ND	0.005 mg/L
112719	441171 Laboratory Method Blank		1311/8260	Chloroform TCLP	ND	0.005 mg/L
112719	441171 Laboratory Method Blank		1311/8260	Methylethylketone TCLP	ND	0.10 mg/L
112719	441171 Laboratory Method Blank		1311/8260	Tetrachloroethylene T	ND	0.005 mg/L
112719	441171 Laboratory Method Blank		1311/8260	Trichloroethylene TCLP	ND	0.005 mg/L
112719	441171 Laboratory Method Blank		1311/8260	Vinyl Chloride TCLP	ND	0.005 mg/L
03-389	30-389 VS/1818X-1	6/23/2003	Title 22	Aquatic Toxicity	Passes	> 750 mg/L



SAMPLES ANALYZED FOR ECS  
by Associated Laboratories, Orange, CA

AQUATIC TOXICITY TESTING  
by Associated Laboratories, Orange, CA

Project ID: **Chevron**

Project Description: **500 mls (2 cups) of regular unleaded gasoline spilled, cleanup by Chevron personnel**

LR #	Order #	Client Smpl. ID	S Date	Method	Analyte	Result	DLR Units
111729	436623	P-1	06/03/2003	1030	Ignitability of Solids	Passes	P/F
111729	436623	P-1	06/03/2003	1311/8260	Benzene TCLP	0.394	0.05 mg/L
111729	436623	P-1	06/03/2003	600/4-85/013	Fish Bioassay	Passes	>750 mg/L
111729	436624	Laboratory Method Blank		1311/8260	Benzene TCLP	ND	0.005 mg/L

*This data is a summary of the testing information. For actual laboratory sheets, chain of custody, etc., please contact ECS.*

SAMPLES ANALYZED FOR ECS  
by Associated Laboratories, Orange, CA

AQUATIC TOXICITY TESTING  
by Associated Laboratories, Orange, CA

Project ID: **Costco**

Project Description: **During fillup undetermined amount of regular unleaded gasoline spilled (overfill)**

LR #	Order #	Client Smpl. ID	S Date	Method	Analyte	Result	DLR Units
114859	452199	Gas pad 432	06/03/2003	1030	Ignitability of Solids	Passes	P/F
114859	452199	Gas Pad 432	06/03/2003	1311/8021	Benzene TCLP	ND	0.2 mg/L
114859	452199	Gas Pad 432	06/03/2003	600/4-85/013	Fish Bioassay	Pass	> 500
114859	452199	Laboratory Method Blank		1311/8021	Benzene TCLP	ND	0.01

*This data is a summary of the testing information. For actual laboratory sheets, chain of custody, etc., please contact ECS.*

SAMPLES ANALYZED FOR ECS  
by Associated Laboratories, Orange, CA

AQUATIC TOXICITY TESTING  
by MBC Applied Environmental Sciences, Costa Mesa, CA

Project ID: **Elsinore New: Chevron Station**

New Indicates fresh formula

Project Description: **500 mls. (2 cups) of regular unleaded gasoline was spilled and cleaned up.**

LR #	Order #	Client Smpl. ID	S Date	Method	Analyte	Result	DLR Units
111751	436671	Elsinore Pad New	06/05/2003	1030	Ignitability of Solids	Pass	P/F
111751	436671	Elsinore Pad New	06/05/2003	1311/8260	Benzene TCLP	0.188	0.05 mg/L
111751	436672	Laboratory Method Blank		1311/8260	Benzene TCLP	ND	0.005 mg/L
	03-374	Elsinore Pad New	6/5/2003	Title 22	Aquatic Toxicity	Pass	>750 mg/L

*This data is a summary of the testing information. For actual laboratory sheets, chain of custody, etc., please contact ECS.*

**ENVIRONMENTAL CHEMICAL SOLUTIONS**  
**~ ORDER GUIDE ~**



**ST 1010B  
Starter Kit**



**SK 1007  
Emergency Spill Kit**



**SP104  
Two Gallon Sprayer**



**FM 1862-05  
5 Gallon**



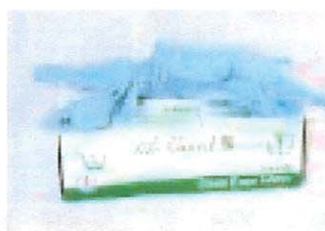
**BR001, Broom**



**FM 1862-55  
55 Gallon**



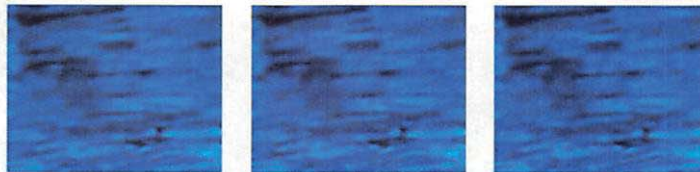
**AB104-EA**



**GL100, Box of Nitrile Gloves**



**Universal Sorbent Pads**



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