



CITY OF GARDEN GROVE
FIRE DEPARTMENT

May 1, 2017

Tel: (714) 741-5600
Fax: (714) 741-5640

Debra Bechtold
EBI Consulting

Re: Records Search for 12221 Harbor Blvd., Garden Grove CA

Dear Debra Bechtold:

Enclosed are the records found concerning the history of the above-mentioned site(s), especially as it pertains to fire code violation history, permits, the use, storage, or disposal of hazardous substances, and the installation or removal of underground flammable or combustible liquid storage tanks.

The City of Garden Grove Fire Department has utilized its best efforts to locate the records requested. However, the City makes no representation as to the accuracy of the records or that all records requested were retained or located. The City does not provide records on spills, leaks or clean-up, as that information is provided through the County of Orange Health Dept.

Sincerely,

A handwritten signature in black ink that reads 'Brad Spell'. The signature is fluid and cursive, with the first name 'Brad' and last name 'Spell' clearly legible.

Brad Spell
Fire Captain/Senior Fire Protection Specialist

**Violation List for
SHERATON GARDEN GROVE - ANAHEIM SOUTH (MANDATORY)
12221 HARBOR Blvd**

Date Issued	Date Cleared	Code #	Violation Description
02/14/2017	00/00/00	CFC 1010.1.1	Remove bolt located on the front desk exit door
02/14/2017	00/00/00	CFC 1010.1.1	Maintain approved panic hardware: Rear banquet corridor, kitchen d
02/14/2017	00/00/00	CFC 5003.5	Provide 704 placards on pool pump room
02/14/2017	00/00/00	CFC 315.3.3	Clear rubbish and storage from electrical rooms
02/14/2017	00/00/00	CFC 901.6	Provide documents for annual fire alarm, sprinkler and fire pump tes
02/14/2017	00/00/00	CFC 901.6	Repair FACP back into normal status. Currently in Trouble. Compan
02/14/2017	00/00/00	CFC 1008.3	Verify stairwell emergency lights work. Lights don't have a test featur
02/14/2017	00/00/00	CFC 904	Auto-extinguishing system for kitchen hood needs to be re-aligned &
02/14/2017	00/00/00	CFC 605.6	Discontinue use of extension cords.
02/14/2017	00/00/00	CFC 1008.1.1	Remove locks, chains, bolts or bars from exit door.
02/14/2017	00/00/00	CBC 714.5.9.	5th floor chute doesn't close or latch. Verify 6th and 7th floor chute p
02/14/2017	00/00/00	CFC 1031.1	Clear storage located in housekeeping exit corridor & maintain clear
02/14/2017	00/00/00	CFC 1026.3	Laundry room doors need to be maintained with no storage or force
02/14/2017	00/00/00	CFC 1011.2	Provide illuminated exit sign(s).
02/14/2017	00/00/00	CFC 3003.5.1	Secure compressed gas cylinders.
03/23/2016	05/31/2016	CFC 501	Repair the entrance/exit gate override Knox switch.
03/23/2016	05/31/2016	CFC 10	Repair laundry fire doors and stair 1 level 5 fire doors.
03/23/2016	05/31/2016	CFC 903	For the luggage room, remove the non-permitted dry wall rack that is
03/23/2016	05/31/2016	CFC 903	Provide an escutcheon cup or concealed head plate for: 1st floor laun
03/23/2016	05/31/2016	CFC 701	Replace ceiling tiles: Engineering office, conference storage, laundry
03/23/2016	05/31/2016	CFC 9	Replace conduit on main OS&Y tamper and conduit for tamper on st
03/23/2016	05/31/2016	CFC 9	Provide Caps for the fire pump test valves and the fire dept connecti
03/23/2016	05/31/2016	CFC 1028.3	Remove exit obstruction
03/23/2016	05/31/2016	CFC 605.1	Provide/ replace electrical
03/23/2016	05/31/2016	CFC 1011.2	Provide illuminated exit sign(s).
03/23/2016	05/31/2016	CFC 906.1	Provide extinguisher(s)
03/23/2016	05/31/2016	CFC ARTICL	PLACARDING AND SIGNS
03/23/2016	05/31/2016	CFC 315.2.1	Lower storage
11/04/2014	11/18/2014	CFC 901.6	Service and tag Fire Extinguishers.
11/04/2014	11/18/2014	CFC 3003.5.1	Secure compressed gas cylinders.
11/04/2014	11/18/2014	CFC 605.1	Provide/ replace electrical
09/26/2013	10/10/2013	CFC 904.11.1	Service auto-extinguishing system semi-annually.

**Violation List for
SHERATON GARDEN GROVE - ANAHEIM SOUTH (MANDATORY)
12221 HARBOR Blvd**

Date Issued	Date Cleared	Code #	Violation Description
09/26/2013	10/10/2013	CFC 315.2.1	Lower storage
09/26/2013	10/10/2013	Title 19, Sec.	5 yr. certification on sprinkler / standpipe system.
09/25/2012	10/02/2012	CFC 605.1	Provide/ replace electrical
09/15/2011	10/03/2011	CFC 3003.5.:	Secure compressed gas cylinders.
09/20/2010	10/04/2010	CFC 3003.5.:	Secure compressed gas cylinders.
09/30/2009	01/05/2010		Replace sprinkler escutcheon in video room
09/30/2009	01/05/2010		Fill in 2 holes in walls in accounting office, and data room (2)
09/30/2009	01/05/2010		Alarm in trouble- fire control room.
09/30/2009	01/05/2010	CFC 2701.5.:	Complete Haz Mat Disclosure packet
09/30/2009	01/05/2010	CFC 605.1	Provide/ replace electrical
09/30/2009	01/05/2010	CFC 605.6	Discontinue use of extension cords.
09/30/2009	01/05/2010		Post maximum occupancy load sign - all conference rooms
09/30/2009	01/05/2010	CFC 1006.1	Provide and maintain approved emergency lighting.

GARDEN GROVE



FIRE DEPARTMENT

HAZARDOUS MATERIALS DISCLOSURE PROGRAM

REPORTING FORMS PACKET

SHORT VERSION

FOR OFFICIAL USE ONLY	
FACILITY ID NO.	<u>30-035</u>
BUSINESS NAME	<u>Sheraton Garden Grove - Anaheim South Hotel</u>
BUSINESS ADDRESS	<u>12221 S. Harbor Blvd.</u>
APPROVED BY	_____ DATE _____
NEW BUSINESS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO UPDATE _____
PICK	<u>4D</u> BUSLIST <u> </u> CALARP: <u> </u> CUPA: <u> </u> GIS <u> </u>
FEE	_____



CITY OF GARDEN GROVE FIRE DEPARTMENT

11301 Acacia Parkway, Garden Grove, CA 92842 (714) 741-5600 (714) 741-5636

FORM 1

Hazardous Materials Business Information Form

Page ____ of ____ 3

BUSINESS INFORMATION

FACILITY # (Supplied by GGFD)	3 0 0 3 5	BEGINNING DATE	1	ENDING DATE	2
BUSINESS NAME	Sheraton Garden Grove - Anaheim South Hotel			BUSINESS PHONE	5
BUSINESS SITE ADDRESS	12221 S. Harbor Blvd.				6
CITY	GARDEN GROVE	STATE	CA	ZIP	92840
DUN & BRADSTREET	01-501-0584	SIC CODE (4 DIGIT #)		FIRE DISTRICT	
COUNTY	ORANGE				13
BUSINESS OPERATOR NAME	Kam Sang Company	OPERATOR'S PHONE	626-446-2988		

BUSINESS OWNER

OWNER NAME	Newage Garden Grove, LLC.	OWNER PHONE	714-703-8400
OWNER MAILING ADDRESS	411 E. Huntington Drive # 305		
CITY	Arcadia	STATE	CA
		ZIP	91006.

ENVIRONMENTAL CONTACT

CONTACT NAME	Phil Wolfgramm	CONTACT PHONE	714 703 8400
CONTACT MAILING ADDRESS	12221 S. Harbor Blvd		
CITY	Garden Grove	STATE	CA
		ZIP	92804

PRIMARY

EMERGENCY CONTACTS

SECONDARY

NAME	Phil Wolfgramm	NAME	Shirley Lim
TITLE	General Manager	TITLE	Owner
BUSINESS PHONE	(714) 703 8400	BUSINESS PHONE	626 446 2988
24-HR. PHONE	[REDACTED]	24-HR. PHONE	[REDACTED]
PAGER #	[REDACTED]	PAGER #	[REDACTED]

ADDITIONAL LOCALLY COLLECTED INFORMATION

DESCRIBE THE TYPE OF BUSINESS OPERATION:	Hotel	TOTAL # OF EMPLOYEES	65
BILLING ADDRESS (IF DIFFERENT FROM ABOVE)		ATTENTION	
PROPERTY OWNER NAME		PHONE	

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	[Signature]	DATE	12/15/09
NAME OF SIGNER (print)	Philip T. Wolfgramm	NAME OF DOCUMENT PREPARER (print)	NICOLE VERASTEGUI
TITLE OF SIGNER	General Manager	TITLE OF DOCUMENT PREPARER	ACCOUNTING MANAGER



HAZARDOUS MATERIALS INVENTORY FORM

FORM 3

ADD DELETE REVISED 1 Page _____ of _____ 2

FACILITY ID# 30035 BUSINESS NAME SHERATON Garden Grove-Anaheim South Hotel

I. FACILITY INFORMATION

CHEMICAL LOCATION West side of the building - outside
CONFIDENTIAL LOCATION Yes No 5 MAP # 1 6 GRID # C-6 7
EPCRA

II. CHEMICAL INFORMATION

CHEMICAL NAME Ultra Low Sulfur Diesel (ULSD) WASTE Yes 8 TRADE SECRET Yes No 11
COMMON NAME DIESEL 9 An EHS Chemical Yes No 12
*If EPCRA see instructions
*If EHS is "Yes", all amounts must be LBS

CAS # Mixture 10 FIRE CODE HAZARD CLASSES (supplied by GGF) 13

TYPE (Check one item only) a. PURE b. MIXTURE c. WASTE 14 RADIOACTIVE Yes No 15 CURIES 16

PHYSICAL STATE (Check one item only) a. SOLID b. LIQUID c. GAS 17 FED HAZARD CATEGORIES a. FIRE b. REACTIVE c. PRESSURE RELEASE 18
 d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 450 19 MAXIMUM DAILY AMOUNT 450 20 ANNUAL WASTE AMOUNT 21 STATE WASTE CODE 22

UNITS a. GALLONS b. CUBIC FEET 23 DAYS ON SITE 365 24 LARGEST CONTAINER 450 25
 c. POUNDS d. TONS
*If EHS, amount must be in pounds.

STORAGE CONTAINER (Check all that apply) a. ABOVEGROUND TANK e. PLASTIC DRUM i. VAT m. CYLINDER q. TANK WAGON 26
 b. UNDERGROUND TANK f. NONMETALLIC DRUM l. FIBER DRUM n. GLASS CONTAINER r. RAIL CAR
 c. TANK INSIDE BLDG g. METAL CONTAINER o. PLASTIC CONTAINER s. TOTE BIN
 d. STEEL DRUM h. CARBOY j. BOX(S) p. IN MACH OR EQUIP t. OTHER _____

STORAGE PRESSURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT 27

STORAGE TEMPERATURE a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC 28

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
100	Diesel fuel	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	684 76-34-132
<.01	Napthalene	<input type="checkbox"/> Yes <input type="checkbox"/> No	91-20-3
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

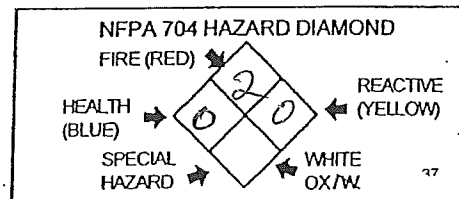
PLACARDING INFORMATION

UNDOT # NA 1993 (Domestic) 33
Refer to shipping papers or MSDS

DOT HAZARD CLASS 3 34
Refer to shipping papers or MSDS

EPCRA YES NO 35

X _____ 36
If EPCRA, Please Sign Here



MAKE AS MANY COPIES OF CHEMICAL INVENTORY FORM AS NEEDED



CITY OF GARDEN GROVE
11301 ACACIA PARKWAY
GARDEN GROVE, CALIFORNIA 92842
(714) 741-5636

CUPA

FACILITY INFORMATION

BUSINESS ACTIVITIES

Page 1 of 1

I. FACILITY IDENTIFICATION

FACILITY ID#	3	0	0	3	5														1. EPA ID # (Hazardous Waste Only)	2.
--------------	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	------------------------------------	----

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 3.

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility...

If Yes, please complete these pages of the UPCF...

A. HAZARDOUS MATERIALS

Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?

<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	4.	<input checked="" type="checkbox"/> HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (Form 3)
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B. UNDERGROUND STORAGE TANKS (USTs)

- Own or operate underground storage tanks?
- Intent to upgrade existing or install new USTs?
- Need to report closing a UST?

<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	5.	<input checked="" type="checkbox"/> UST FACILITY (Formerly SWRCB Form A)
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	6.	<input checked="" type="checkbox"/> UST TANK (one page per tank) (Formerly Form B)
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	7.	<input checked="" type="checkbox"/> UST FACILITY <input checked="" type="checkbox"/> UST TANK (one per tank) <input checked="" type="checkbox"/> UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C) <input checked="" type="checkbox"/> UST TANK (closure portion-one page per tank)

C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)

Own or operate ASTs above these thresholds:
- any tank capacity is greater than 660 gallons, or
- the total aggregate capacity for the entire facility (ASTs, drums and portable containers) greater than 1,320 gallons?

<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	8.	<input checked="" type="checkbox"/> NO FORM REQUIRED TO CUPAS
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D. HAZARDOUS WASTE

- Generate hazardous waste?
- Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?
- Treat hazardous waste on site?
- Treatment subject to financial assurance requirements (for Permit by Rule and Condition Authorization)?
- Consolidate hazardous waste generated at a remote site?
- Need to report the closure/removal of a tank that was classified waste and cleaned onsite?

<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	9.	<input checked="" type="checkbox"/> EPA ID NUMBER - provide at the top of this page
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	10.	<input checked="" type="checkbox"/> RECYCLABLE MATERIALS REPORT (one per recycler)
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	11.	<input checked="" type="checkbox"/> ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Forms 1772) <input checked="" type="checkbox"/> ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772A,B,C,D and L)
<input type="checkbox"/> YES	<input type="checkbox"/> NO	12.	<input checked="" type="checkbox"/> CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	13.	<input checked="" type="checkbox"/> REMOTE WASTE/CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	14.	<input checked="" type="checkbox"/> HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS

Cal-ARP: California Accidental Release Prevention Program
H&SC Chapter 6.95, Article 2, §25531 et seq
--- Stationary Source with more than a Threshold Quantity of a Regulated Substance in a Process

<input type="checkbox"/> YES	<input type="checkbox"/> NO	15.	<input checked="" type="checkbox"/> REGULATED SUBSTANCE REPORTING FORM (Orange County CUPA)
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**GARDEN GROVE FIRE DEPARTMENT
HAZARDOUS MATERIALS DISCLOSURE PROGRAM**

BUSINESS EMERGENCY PLAN

Personnel Emergency Notifications and Responsibilities

Employee Evacuation and Staging Areas:

1. The type of alarm signal that will be used to initiate an evacuation at the facility (vocal, paging system, manual alarm, etc.).

Vocal / Paging System

2. All employees shall be trained to evacuate the facility through at least one exit. Alternate exit routes shall be designated if available.
3. Staging areas shall be designated for all employees. Staging areas will be the location that all employees shall report to in the event of an emergency.

One person shall be designated to account for all personnel at the staging area. That person will be responsible for meeting the incoming Fire units and reporting the conditions known about the incident.

The Staging area is at the following location as shown on your site plan map:

SEE ATTACHED SITE MAP

Employee Responsibilities:

At least one employee shall be responsible for the following minimum requirements in the event of an emergency response by the Fire Department.

1. Notify employees. Initiate evacuation procedures.
2. Notify the Garden Grove Fire Department. Dial 911.
3. Try to identify the nature of the incident.
4. Report to the staging area and account for evacuated employees.
5. Report to the incoming fire units.
6. Activate any emergency mitigation procedures that area available at your business. (List below any mitigation procedures specific to your business, if any.)

**GARDEN GROVE FIRE DEPARTMENT
HAZARDOUS MATERIALS DISCLOSURE PROGRAM**

BUSINESS EMERGENCY PLAN

Personnel Emergency Notifications and Responsibilities (Continued)

Prevention

All materials are stored, used and handled within the guidelines of the Uniform Fire Code, N.F.P.A. standards, California Administrative Code, Titles 19 and 20.

This section is meant to initiate a Prevention Plan at your business and to assist in preventing a release, or threatened release, of a hazardous material. In the spaces provided, place a checkmark by the preventive actions which have been initiated by your business to abate hazards relating to hazardous material handling, use of storage.

Consideration shall include:

1. Drum storage and/or above ground tank storage areas:
 - a. Isolation and separation of incompatible materials.
 - b. Diking areas to contain spills.
 - c. Storage on paved ground.

2. Compressed and/or cryogenic gas storage areas:
 - a. Cylinder stored upright and secured.
 - b. Isolation and/or separation of incompatible cylinders (oxygen and flammable gases, etc.).

3. General:
 - a. Safe work practices are exercised in daily routines.
 - b. Employees who handle hazardous materials are properly trained.
 - c. Material Safety Data Sheets (MSDS) readily available for each hazardous material on the premises.
 - d. Labeling of all materials and storage areas with the product name and hazards associated with the product (drums, piping, tanks, etc.).
 - e. Uniform Fire Code (UFC) requires separation between outside hazardous material storage area or tanks and combustible materials (wood, bush, etc.).
 - f. Posting of "No Smoking" signs where appropriate.

✓

GARDEN GROVE FIRE DEPARTMENT

BUSINESS EMERGENCY PLAN

A BUSINESS IS REQUIRED BY LAW TO NOTIFY THE GARDEN GROVE FIRE DEPARTMENT WITHIN 30 DAYS OF ANY OF THE FOLLOWING EVENTS.

- | |
|---|
| <ol style="list-style-type: none">1. Change of business address.2. Change of business ownership.3. Change of business name.4. Cessation of business operation (quitting business).5. Use or handling of a previously undisclosed hazardous material.6. A 100% increase in the quantity of a previously disclosed hazardous material. |
|---|


Your business is required by State law (CFC 8001.3.2) to retain a copy of this entire Hazardous Materials Disclosure information, including the Business Plan, chemical inventory, material safety data sheets and site maps, for review by Fire Department personnel. State where your disclosure and Emergency Business Plan will be kept.

12221 S. Harbor Blvd, Garden Grove, CA

Show location on site map also using symbol in the legend.

Note: A fee is charged for a replacement copy from the Garden Grove Fire Department.

I certify, under penalty of perjury, that the enclosed information is true and correct to the best of my knowledge.

Signature: 
Name: Phil Wilson
Title: GM
Date: 12/16/05




MATERIAL SAFETY DATA SHEET

Diesel Fuel (All Types) **MSDS No. 9909**

12. ECOLOGICAL INFORMATION
 Keep out of sewers, drainage areas, and waterways. Report spills and releases, as applicable, under Federal and State regulations.

13. DISPOSAL CONSIDERATIONS
 Consult federal, state and local waste regulations to determine appropriate disposal options.

14. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Diesel Fuel	Placard (International Only):
HAZARD CLASS and PACKING GROUP:	3, PG III	
DOT IDENTIFICATION NUMBER:	NA 1993 (Domestic)	
	UN 1202 (International)	
DOT SHIPPING LABEL:	None	

Use Combustible Placard if shipping in bulk domestically

15. REGULATORY INFORMATION

U.S. FEDERAL, STATE, and LOCAL REGULATORY INFORMATION
 This product and its constituents listed herein are on the EPA TSCA Inventory. Any spill or uncontrolled release of this product, including any substantial threat of release, may be subject to federal, state and/or local reporting requirements. This product and/or its constituents may also be subject to other regulations at the state and/or local level. Consult those regulations applicable to your facility/operation.

CLEAN WATER ACT (OIL SPILLS)
 Any spill or release of this product to "navigable waters" (essentially any surface water, including certain wetlands) or adjoining shorelines sufficient to cause a visible sheen or deposit of a sludge or emulsion must be reported immediately to the National Response Center (1-800-424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies as required.

CERCLA SECTION 103 and SARA SECTION 304 (RELEASE TO THE ENVIRONMENT)
 The CERCLA definition of hazardous substances contains a "petroleum exclusion" clause which exempts crude oil, refined, and unrefined petroleum products and any indigenous components of such. However, other federal reporting requirements (e.g., SARA Section 304 as well as the Clean Water Act if the spill occurs on navigable waters) may still apply.

SARA SECTION 311/312 - HAZARD CLASSES

<u>ACUTE HEALTH</u>	<u>CHRONIC HEALTH</u>	<u>FIRE</u>	<u>SUDDEN RELEASE OF PRESSURE</u>	<u>REACTIVE</u>
X	X	X	--	--

SARA SECTION 313 - SUPPLIER NOTIFICATION
 This product may contain listed chemicals below the *de minimis* levels which therefore are not subject to the supplier notification requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372. If you may be required to report releases of chemicals listed in 40 CFR 372.28, you may contact Hess Corporate Safety if you require additional information regarding this product.

CALIFORNIA PROPOSITON 65 LIST OF CHEMICALS
 This product contains the following chemicals that are included on the Proposition 65 "List of Chemicals" required by the California Safe Drinking Water and Toxic Enforcement Act of 1986:

<u>INGREDIENT NAME (CAS NUMBER)</u>	<u>Date Listed</u>
Diesel Engine Exhaust (no CAS Number listed)	10/01/1990

CANADIAN REGULATORY INFORMATION (WHMIS)
 Class B, Division 3 (Combustible Liquid) and Class D, Division 2, Subdivision B (Toxic by other means)



MATERIAL SAFETY DATA SHEET

Diesel Fuel (All Types) **MSDS No. 9909**

16. OTHER INFORMATION

NFPA® HAZARD RATING HEALTH: 0
 FIRE: 2
 REACTIVITY: 0

Refer to NFPA 704 "Identification of the Fire Hazards of Materials" for further information

HMIS® HAZARD RATING HEALTH: 1 * * Chronic
 FIRE: 2
 PHYSICAL: 0

SUPERSEDES MSDS DATED: 02/28/2001

ABBREVIATIONS:

AP = Approximately < = Less than > = Greater than
N/A = Not Applicable N/D = Not Determined ppm = parts per million

ACRONYMS:

ACGIH	American Conference of Governmental Industrial Hygienists	NTP	National Toxicology Program
AIHA	American Industrial Hygiene Association	OPA	Oil Pollution Act of 1990
ANSI	American National Standards Institute (212) 642-4900	OSHA	U.S. Occupational Safety & Health Administration
API	American Petroleum Institute (202) 682-8000	PEL	Permissible Exposure Limit (OSHA)
CERCLA	Comprehensive Emergency Response, Compensation, and Liability Act	RCRA	Resource Conservation and Recovery Act
DOT	U.S. Department of Transportation [General info: (800) 467-4922]	REL	Recommended Exposure Limit (NIOSH)
EPA	U.S. Environmental Protection Agency	SARA	Superfund Amendments and Reauthorization Act of 1986 Title III
HMIS	Hazardous Materials Information System	SCBA	Self-Contained Breathing Apparatus
IARC	International Agency For Research On Cancer	SPCC	Spill Prevention, Control, and Countermeasures
MSHA	Mine Safety and Health Administration	STEL	Short-Term Exposure Limit (generally 15 minutes)
NFPA	National Fire Protection Association (617)770-3000	TLV	Threshold Limit Value (ACGIH)
NIOSH	National Institute of Occupational Safety and Health	TSCA	Toxic Substances Control Act
NOIC	Notice of Intended Change (proposed change to ACGIH TLV)	TWA	Time Weighted Average (8 hr.)
		WEEL	Workplace Environmental Exposure Level (AIHA)
		WHMIS	Canadian Workplace Hazardous Materials Information System

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Information presented herein has been compiled from sources considered to be dependable, and is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained in our written contract of sale or acknowledgment.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material, even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in their use of the material.



MATERIAL SAFETY DATA SHEET

Diesel Fuel (All Types)

MSDS No. 9909

EMERGENCY OVERVIEW

CAUTION!

OSHA/NFPA COMBUSTIBLE LIQUID - SLIGHT TO MODERATE IRRITANT
EFFECTS CENTRAL NERVOUS SYSTEM
HARMFUL OR FATAL IF SWALLOWED

Moderate fire hazard. Avoid breathing vapors or mists. May cause dizziness and drowsiness. May cause moderate eye irritation and skin irritation (rash). Long-term, repeated exposure may cause skin cancer. If ingested, do NOT induce vomiting, as this may cause chemical pneumonia (fluid in the lungs).



NFPA 704 (Section 16)

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Hess Corporation
1 Hess Plaza
Woodbridge, NJ 07095-0961

EMERGENCY TELEPHONE NUMBER (24 hrs): CHEMTREC (800) 424-9300
COMPANY CONTACT (business hours): Corporate Safety (732) 750-6000
MSDS INTERNET WEBSITE: www.hess.com (See Environment, Health, Safety & Social Responsibility)

SYNONYMS: Ultra Low Sulfur Diesel (ULSD); Low Sulfur Diesel; Motor Vehicle Diesel Fuel; Diesel Fuel #2; Dyed Diesel Fuel; Non-Road, Locomotive and Marine Diesel Fuel; Tax-exempt Diesel Fuel

See Section 16 for abbreviations and acronyms.

2. COMPOSITION and CHEMICAL INFORMATION ON INGREDIENTS

INGREDIENT NAME (CAS No.)	CONCENTRATION PERCENT BY WEIGHT
Diesel Fuel (68476-34-6)	100
Naphthalene (91-20-3)	Typically < 0.01

A complex mixture of hydrocarbons with carbon numbers in the range C9 and higher. Diesel fuel may be dyed (red) for tax purposes. May contain a multifunctional additive.

3. HAZARDS IDENTIFICATION

EYES

Contact with liquid or vapor may cause mild irritation.

SKIN

May cause skin irritation with prolonged or repeated contact. Practically non-toxic if absorbed following acute (single) exposure. Liquid may be absorbed through the skin in toxic amounts if large areas of skin are repeatedly exposed.

INGESTION

The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

Ingestion may cause gastrointestinal disturbances, including irritation, nausea, vomiting and diarrhea, and central nervous system (brain) effects similar to alcohol intoxication. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.



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INHALATION

Excessive exposure may cause irritations to the nose, throat, lungs and respiratory tract. Central nervous system (brain) effects may include headache, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.

WARNING: the burning of any hydrocarbon as a fuel in an area without adequate ventilation may result in hazardous levels of combustion products, including carbon monoxide, and inadequate oxygen levels, which may cause unconsciousness, suffocation, and death.

CHRONIC EFFECTS and CARCINOGENICITY

Similar products produced skin cancer and systemic toxicity in laboratory animals following repeated applications. The significance of these results to human exposures has not been determined - see Section 11 Toxicological Information.

IARC classifies whole diesel fuel exhaust particulates as probably carcinogenic to humans (Group 2A). NIOSH regards whole diesel fuel exhaust particulates as a potential cause of occupational lung cancer based on animal studies and limited evidence in humans.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Irritation from skin exposure may aggravate existing open wounds, skin disorders, and dermatitis (rash).

4. FIRST AID MEASURES

EYES

In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 min. Hold eyelids open to ensure adequate flushing. Seek medical attention.

SKIN

Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or waterless hand cleanser. Obtain medical attention if irritation or redness develops.

INGESTION

DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Monitor for breathing difficulties. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

INHALATION

Remove person to fresh air. If person is not breathing provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT:	> 125 °F (> 52 °C) minimum PMCC
AUTOIGNITION POINT:	494 °F (257 °C)
OSHA/NFPA FLAMMABILITY CLASS:	2 (COMBUSTIBLE)
LOWER EXPLOSIVE LIMIT (%):	0.6
UPPER EXPLOSIVE LIMIT (%):	7.5

FIRE AND EXPLOSION HAZARDS

Vapors may be ignited rapidly when exposed to heat, spark, open flame or other source of ignition. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

EXTINGUISHING MEDIA

SMALL FIRES: Any extinguisher suitable for Class B fires, dry chemical, CO₂, water spray, fire fighting foam, or Halon.



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LARGE FIRES: Water spray, fog or fire fighting foam. Water may be ineffective for fighting the fire, but may be used to cool fire-exposed containers.

FIRE FIGHTING INSTRUCTIONS

Small fires in the incipient (beginning) stage may typically be extinguished using handheld portable fire extinguishers and other fire fighting equipment.

Firefighting activities that may result in potential exposure to high heat, smoke or toxic by-products of combustion should require NIOSH/MSHA- approved pressure-demand self-contained breathing apparatus with full facepiece and full protective clothing.

Isolate area around container involved in fire. Cool tanks, shells, and containers exposed to fire and excessive heat with water. For massive fires the use of unmanned hose holders or monitor nozzles may be advantageous to further minimize personnel exposure. Major fires may require withdrawal, allowing the tank to burn. Large storage tank fires typically require specially trained personnel and equipment to extinguish the fire, often including the need for properly applied fire fighting foam.

See Section 16 for the NFPA 704 Hazard Rating.

6. ACCIDENTAL RELEASE MEASURES

ACTIVATE FACILITY'S SPILL CONTINGENCY OR EMERGENCY RESPONSE PLAN.

Evacuate nonessential personnel and remove or secure all ignition sources. Consider wind direction; stay upwind and uphill, if possible. Evaluate the direction of product travel, diking, sewers, etc. to confirm spill areas. Spills may infiltrate subsurface soil and groundwater; professional assistance may be necessary to determine the extent of subsurface impact.

Carefully contain and stop the source of the spill, if safe to do so. Protect bodies of water by diking, absorbents, or absorbent boom, if possible. Do not flush down sewer or drainage systems, unless system is designed and permitted to handle such material. The use of fire fighting foam may be useful in certain situations to reduce vapors. The proper use of water spray may effectively disperse product vapors or the liquid itself, preventing contact with ignition sources or areas/equipment that require protection.

Take up with sand or other oil absorbing materials. Carefully shovel, scoop or sweep up into a waste container for reclamation or disposal - caution, flammable vapors may accumulate in closed containers. Response and clean-up crews must be properly trained and must utilize proper protective equipment (see Section 8).

7. HANDLING and STORAGE

HANDLING PRECAUTIONS

Handle as a combustible liquid. Keep away from heat, sparks, and open flame! Electrical equipment should be approved for classified area. Bond and ground containers during product transfer to reduce the possibility of static-initiated fire or explosion.

Diesel fuel, and in particular low and ultra low sulfur diesel fuel, has the capability of accumulating a static electrical charge of sufficient energy to cause a fire/explosion in the presence of lower flashpoint products such as gasoline. The accumulation of such a static charge occurs as the diesel flows through pipelines, filters, nozzles and various work tasks such as tank/container filling, splash loading, tank cleaning; product sampling; tank gauging; cleaning, mixing, vacuum truck operations, switch loading, and product agitation. There is a greater potential for static charge accumulation in cold temperature, low humidity conditions.

Documents such as 29 CFR OSHA 1910.106 "Flammable and Combustible Liquids, NFPA 77 Recommended Practice on Static Electricity, API 2003 "Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents and ASTM D4865 "Standard Guide for Generation and Dissipation of Static



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Electricity in Petroleum Fuel Systems" address special precautions and design requirements involving loading rates, grounding, bonding, filter installation, conductivity additives and especially the hazards associated with "switch loading." ["Switch Loading" is when a higher flash point product (such as diesel) is loaded into tanks previously containing a low flash point product (such as gasoline) and the electrical charge generated during loading of the diesel results in a static ignition of the vapor from the previous cargo (gasoline).]

Note: When conductivity additives are used or are necessary the product should achieve 25 picosiemens/meter or greater at the handling temperature.

STORAGE PRECAUTIONS

Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers. Keep containers closed and clearly labeled. Empty product containers or vessels may contain explosive vapors. Do not pressurize, cut, heat, weld or expose such containers to sources of ignition.

Store in a well-ventilated area. This storage area should comply with NFPA 30 "Flammable and Combustible Liquid Code". Avoid storage near incompatible materials. The cleaning of tanks previously containing this product should follow API Recommended Practice (RP) 2013 "Cleaning Mobile Tanks In Flammable and Combustible Liquid Service" and API RP 2015 "Cleaning Petroleum Storage Tanks".

WORK/HYGIENIC PRACTICES

Emergency eye wash capability should be available in the near proximity to operations presenting a potential splash exposure. Use good personal hygiene practices. Avoid repeated and/or prolonged skin exposure. Wash hands before eating, drinking, smoking, or using toilet facilities. Do not use as a cleaning solvent on the skin. Do not use solvents or harsh abrasive skin cleaners for washing this product from exposed skin areas. Waterless hand cleaners are effective. Promptly remove contaminated clothing and launder before reuse. Use care when laundering to prevent the formation of flammable vapors which could ignite via washer or dryer. Consider the need to discard contaminated leather shoes and gloves.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

EXPOSURE LIMITS

Components (CAS No.)	Source	Exposure Limits		Note
		TWA/STEL		
Diesel Fuel: (68476-34-6)	OSHA	5 mg/m, as mineral oil mist		A3, skin
	ACGIH	100 mg/m ³ (as totally hydrocarbon vapor) TWA		
Naphthalene (91-20-3)	OSHA	10 ppm TWA		A4, Skin
	ACGIH	10 ppm TWA / 15 ppm STEL		

ENGINEERING CONTROLS

Use adequate ventilation to keep vapor concentrations of this product below occupational exposure and flammability limits, particularly in confined spaces.

EYE/FACE PROTECTION

Safety glasses or goggles are recommended where there is a possibility of splashing or spraying.

SKIN PROTECTION

Gloves constructed of nitrile, neoprene, or PVC are recommended. Chemical protective clothing such as of E.I. DuPont TyChem®, Saranex® or equivalent recommended based on degree of exposure. Note: The resistance of specific material may vary from product to product as well as with degree of exposure. Consult manufacturer specifications for further information.



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RESPIRATORY PROTECTION

A NIOSH/MSHA-approved air-purifying respirator with organic vapor cartridges or canister may be permissible under certain circumstances where airborne concentrations are or may be expected to exceed exposure limits or for odor or irritation. Protection provided by air-purifying respirators is limited. Refer to OSHA 29 CFR 1910.134, NIOSH Respirator Decision Logic, and the manufacturer for additional guidance on respiratory protection selection.

Use a positive pressure, air-supplied respirator if there is a potential for uncontrolled release, exposure levels are not known, in oxygen-deficient atmospheres, or any other circumstance where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE

Clear, straw-yellow liquid. Dyed fuel oil will be red or reddish-colored.

ODOR

Mild, petroleum distillate odor

BASIC PHYSICAL PROPERTIES

BOILING RANGE: 320 to 690 oF (160 to 366 °C)
VAPOR PRESSURE: 0.009 psia @ 70 °F (21 °C)
VAPOR DENSITY (air = 1): > 1.0
SPECIFIC GRAVITY (H₂O = 1): 0.83 to 0.88 @ 60 °F (16 °C)
PERCENT VOLATILES: 100 %
EVAPORATION RATE: Slow; varies with conditions
SOLUBILITY (H₂O): Negligible

10. STABILITY and REACTIVITY

STABILITY: Stable. Hazardous polymerization will not occur.

CONDITIONS TO AVOID and INCOMPATIBLE MATERIALS

Avoid high temperatures, open flames, sparks, welding, smoking and other ignition sources. Keep away from strong oxidizers; Viton ®; Fluorel ®

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke).

11. TOXICOLOGICAL PROPERTIES

ACUTE TOXICITY

Acute dermal LD50 (rabbits): > 5 ml/kg
Primary dermal irritation: extremely irritating (rabbits)
Guinea pig sensitization: negative
Acute oral LD50 (rats): 9 ml/kg
Draize eye irritation: non-irritating (rabbits)

CHRONIC EFFECTS AND CARCINOGENICITY

Carcinogenic: OSHA: NO IARC: NO NTP: NO ACGIH: A3

Studies have shown that similar products produce skin tumors in laboratory animals following repeated applications without washing or removal. The significance of this finding to human exposure has not been determined. Other studies with active skin carcinogens have shown that washing the animal's skin with soap and water between applications reduced tumor formation.

MUTAGENICITY (genetic effects)

This material has been positive in a mutagenicity study.