

Narrative and response: Private use above ground fuel storage

Prepared By : Randall Sly, Director of Construction Compliance, All County Paving

For All County Paving facilities located on GCG Real Estate Holding properties
PCN 12-43-46-20-01-021-0032

1st TAC Comments 08/02/2024 : Planning Review Comments Response Cited

The All County Paving open storage facilities located on GCG Real Estate Holding property store non-commercial fuel products for the exclusive fueling of equipment and machinery related to offsite daily operations.

Fuel Supplier: Black Oil Inc. 9185 N.W. 96 St. Medley FL. 33178

No outside or retail commercial sale of fuel performed or proposed. **Response - (Planning Comment 45 LDR Sec 4.3.3)**
No commercial metered fuel pumps are installed or proposed on site.
No underground vented tank systems installed or proposed on site. **Response - (Planning Comment 72 LDR Sec 10.3.6)**
No public access to fuel proposed. **Response - (Planning Comment 28 LDR Sec 2.4.6)**

Specifications:

Fuel is stored in 500 Gallon UL142 Listed and Certified (MH12846) Double walled Flammable-Liquid vented tanks.

Fuel tanks are below the ASTs greater than 550-gallon capacity threshold of DEP state regulation and inspection requirements. **Response - (Planning Comment 24 LDR Sec 2.4.6)**

Tanks and fuel yard conform to NFPA 30 requirements for flammable and combustible liquids. **Response - (Planning Comment 24 LDR Sec 2.4.6)**

Fuel yard location is obscured from public view and access

Fuel yard location meets minimum setback requirements **Response - (Planning Comment 27 LDR Sec 2.4.6)**

Fuel tanks are clearly labeled identifying content.

Fuel tanks are contained within a 5460-gallon (730 cubic foot) retention barrier for spill protection.

The fuel storage area incorporates required safety features including

- Grounded tanks and pumps.

- Emergency power shut off.

- Fire extinguishers with High-Vis signage.

- Fuel delivery pumps are powered only when in use.

Tank contents

High sulfur diesel (ULSD) for use exclusively in construction machinery.

Off-road diesel (Dyed ULSD) for use exclusively in construction equipment and machinery.

Gasoline (87) Regular for use exclusively in construction equipment and hand tools.

Safety:

The suppression systems are inspected annually by independent fire safety vendors and the City of Delray Fire Marshal. All County Paving staff perform daily inspections per the spill prevention requirements of county permit WP-2023-005 to operate within a wellfield.



M&M Asphalt Maintenance Inc., d/b/a All County Paving
Office 561-588-0949 | Fax 561-588-2140 | 1180 SW 10th Street, Delray Beach, FL 33444

LICENSED, BONDED, INSURED, FDOT CERTIFIED

General Contractor: CGC1534510



Randall Sly
Director of Construction Compliance
All County Paving

11/22/2024
Date

attachments:

Tank specification
UL Listing
SDS Valero Diesel Fuel
Wellfield permit WP-2023-005

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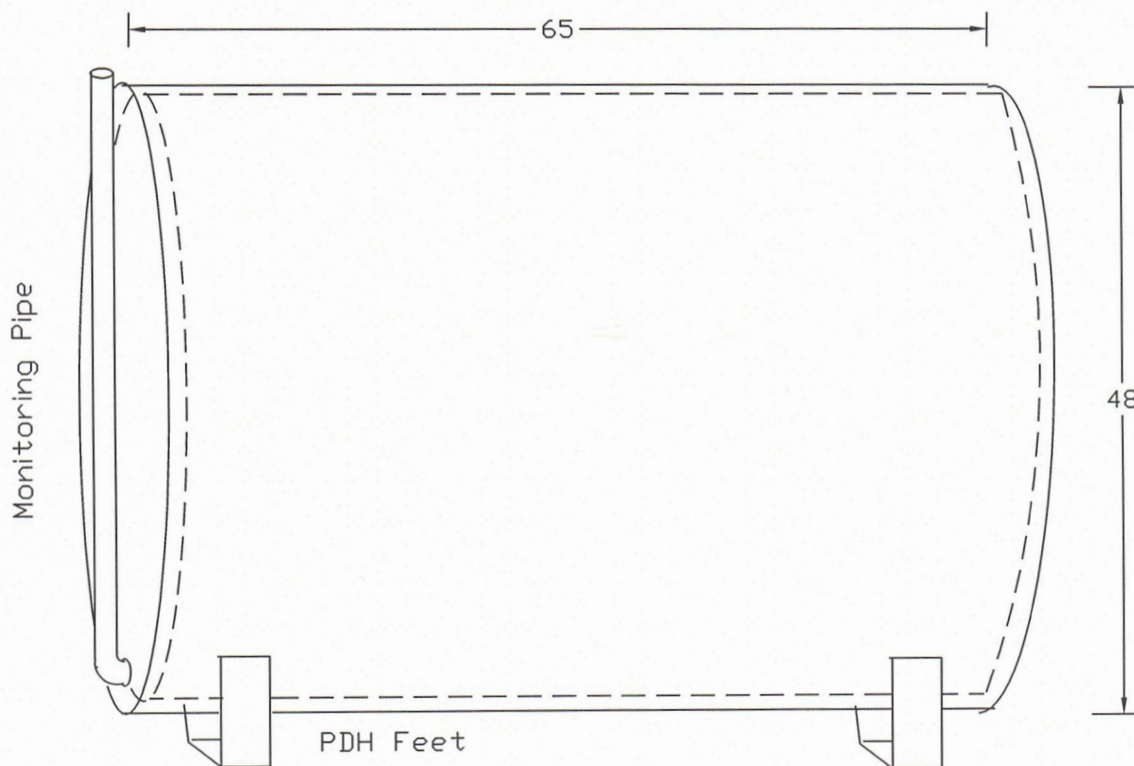
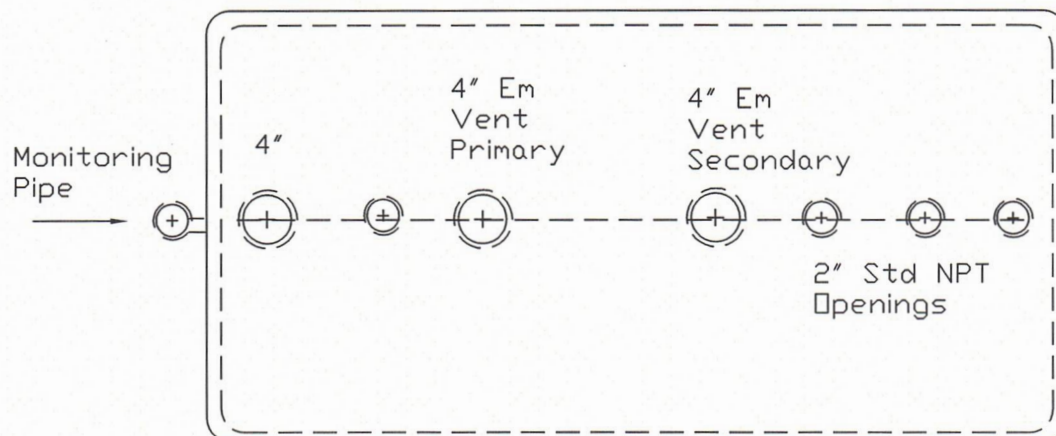
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General Contractor: CGC1534510



Tank Information			
ZONE	REV	DESCRIPTION	DATE

April 2015



FINAL APPROVED DRAWING
BY: _____
DATE: _____



1333 North Douglas St
Florence, SC 29501
Telephone (843) 669-3381
Fax (843) 664-9118

500 PDHDW

509 Gallon Aboveground Double Wall tank with
PDH feet, 12 Gauge Carbon Steel
Construction, Red Primer Coating

SCALE	UL142 Listed	For Stationery Use Only	REV
	M Moran		SHEET

< Return to results :: Keyword: "MH12846"

Aboveground Flammable-liquid Tanks

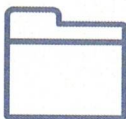
UL Certified

DOCUMENT: EEV.MH12846 · PRODUCT CODE (UL CCN): [EEEV](#) ⓘ



Product Category ⓘ

Aboveground Flammable-liquid Tanks



File Number ⓘ

MH12846



Model Number(s) ⓘ

Tanks, Tanks, Tanks, Tanks, Tanks, Tanks, Tanks



Company ⓘ

PEE DEE TANK CO OF SOUTH CAROLINA L L C

GUIDE INFORMATION

Need More Information?

Looking for Guide Information documents and more? Product iQ offers professional level information and is free for most users.

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SAFETY DATA SHEET

1. Identification

Product identifier

DIESEL FUELS

Other means of identification

SDS number

102-GHS

Synonyms

Diesel Fuels All Grades, Diesel Fuel No.2, Fuel Oil No.2, High Sulfur Diesel Fuel, Low Sulfur Diesel Fuel, Ultra Low Sulfur Diesel Fuel, CARB (California Air Resource Board) Diesel Fuel, Off-Road Diesel Fuel, Dyed Diesel Fuel, X Grade Diesel Fuel, X-1 Diesel Fuel, R5 ULSD, B5 ULS D See section 16 for complete information.

Recommended use

Motor Fuel
Refinery feedstock.

Recommended restrictions

None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier

Valero Marketing & Supply Company and Affiliates
One Valero Way
San Antonio, TX 78269-6000

General Assistance

210-345-4593

E-Mail

CorpHSE@valero.com

Contact Person

Industrial Hygienist

Emergency Telephone

24 Hour Emergency 866-565-5220

1-800-424-9300 (CHEMTREC USA)

2. Hazard(s) identification

Physical hazards

Flammable liquids

Category 3

Health hazards

Acute toxicity, inhalation

Category 4

Skin corrosion/irritation

Category 2

Carcinogenicity

Category 2

Reproductive toxicity

Category 2

Specific target organ toxicity, repeated exposure

Category 2

Aspiration hazard

Category 1

Environmental hazards

Hazardous to the aquatic environment, long-term hazard

Category 2

OSHA defined hazards

Not classified.

Label elements



Signal word

Danger

Hazard statement

Flammable liquid and vapor. Harmful if inhaled. Causes skin irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs (blood, thymus, liver) through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Do not breathe mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area.

DIESEL FUELS

913579 Version #: 04 Revision date: 23-May-2014 Print date: 23-May-2014

Prepared by 3E Company

Response	If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If exposed or concerned: Get medical advice/attention. If swallowed: Immediately call a poison center/doctor. Take off contaminated clothing and wash before reuse. In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
Storage	Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Fuels, diesel, no. 2	68476-34-6	85 - 100
Biodiesel - Fatty acid methyl esters	67762-38-3	0 - 10
Fuels, diesel, C9-18-alkane branched and linear	1159170-26-9	0 - 5
n-Nonane	111-84-2	1 - 3
Octane (All isomers)	111-65-9	1 - 2
Hexane (Other isomers)	96-14-0	0 - 1
Naphthalene	91-20-3	0 - 1
n-Heptane	142-82-5	0 - 1
n-Hexane	110-54-3	0 - 1

4. First-aid measures

Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Skin contact	Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes. If high pressure injection under the skin occurs, always seek medical attention.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Do not give mouth-to-mouth resuscitation. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.
Most important symptoms/effects, acute and delayed	Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. Unconsciousness. Corneal damage. Narcosis. Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria. Defatting of the skin. Rash. The toxicological properties of this product have not been thoroughly investigated. Use appropriate precautions. Hydrogen sulfide, a highly toxic gas, may be present. Signs and symptoms of overexposure to hydrogen sulfide include respiratory and eye irritation, dizziness, nausea, coughing, a sensation of dryness and pain in the nose, and loss of consciousness. Odor does not provide a reliable indicator of the presence of hazardous levels in the atmosphere.
Indication of immediate medical attention and special treatment needed	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed. The toxicological properties of this material have not been fully investigated.
General information	If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

5. Fire-fighting measures

Suitable extinguishing media	Water spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
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DIESEL FUELS

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Prepared by 3E Company

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

The product is flammable, and heating may generate vapors which may form explosive vapor/air mixtures. Thermal decomposition or combustion may liberate toxic gases or fumes.

Special protective equipment and precautions for firefighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Fire-fighting equipment/instructions

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do it without risk. In the event of fire, cool tanks with water spray. Cool containers exposed to flames with water until well after the fire is out. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Water runoff can cause environmental damage. Use compatible foam to minimize vapor generation as needed.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Local authorities should be advised if significant spills cannot be contained. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Local authorities should be advised if significant spillages cannot be contained. Stop leak if you can do so without risk. This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.

Use non-sparking tools and explosion-proof equipment.

Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination. This material and its container must be disposed of as hazardous waste.

Large Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Do not allow material to contaminate ground water system. Should not be released into the environment.

Clean up in accordance with all applicable regulations.

Environmental precautions

If facility or operation has an "oil or hazardous substance contingency plan", activate its procedures. Stay upwind and away from spill. Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not enter or stay in area unless monitoring indicates that it is safe to do so. Isolate hazard area and restrict entry to emergency crew. Flammable. Review Firefighting Measures, Section 5, before proceeding with clean up. Keep all sources of ignition (flames, smoking, flares, etc.) and hot surfaces away from release. Contain spill in smallest possible area. Recover as much product as possible (e.g. by vacuuming). Stop leak if it can be done without risk. Use water spray to disperse vapors. Use compatible foam to minimize vapor generation as needed. Spilled material may be absorbed by an appropriate absorbent, and then handled in accordance with environmental regulations. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment or drainage systems and natural waterways. Contact fire authorities and appropriate federal, state and local agencies. If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, contact the National Response Center at 1-800-424-8802. For highway or railways spills, contact Chemtrec at 1-800-424-9300.

7. Handling and storage

Precautions for safe handling

Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity.

Wear personal protective equipment. Avoid breathing mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. When using, do not eat, drink or smoke. Avoid release to the environment.

**Conditions for safe storage,
including any incompatibilities**

Flammable liquid storage. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. The pressure in sealed containers can increase under the influence of heat. Keep container tightly closed in a cool, well-ventilated place. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children.

8. Exposure controls/personal protection**Occupational exposure limits****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
Naphthalene (CAS 91-20-3)	PEL	50 mg/m3 10 ppm
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m3 500 ppm
n-Hexane (CAS 110-54-3)	PEL	1800 mg/m3 500 ppm
Octane (All isomers) (CAS 111-65-9)	PEL	2350 mg/m3 500 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Fuels, diesel, no. 2 (CAS 68476-34-6)	TWA	100 mg/m3	Inhalable fraction and vapor.
Hexane (Other isomers) (CAS 96-14-0)	STEL	1000 ppm	
Naphthalene (CAS 91-20-3)	TWA	500 ppm	
	STEL	15 ppm	
n-Heptane (CAS 142-82-5)	TWA	10 ppm	
	STEL	500 ppm	
n-Hexane (CAS 110-54-3)	TWA	400 ppm	
	TWA	50 ppm	
n-Nonane (CAS 111-84-2)	TWA	200 ppm	
Octane (All isomers) (CAS 111-65-9)	TWA	300 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Hexane (Other isomers) (CAS 96-14-0)	Ceiling	1800 mg/m3
		510 ppm
	TWA	350 mg/m3 100 ppm
Naphthalene (CAS 91-20-3)	STEL	75 mg/m3 15 ppm
	TWA	50 mg/m3 10 ppm
n-Heptane (CAS 142-82-5)	Ceiling	1800 mg/m3 440 ppm
	TWA	350 mg/m3 85 ppm
n-Hexane (CAS 110-54-3)	TWA	180 mg/m3 50 ppm
		1050 mg/m3 200 ppm
Octane (All isomers) (CAS 111-65-9)	Ceiling	1800 mg/m3
		385 ppm
	TWA	350 mg/m3 75 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-Hexanedion, without hydrolysis	Urine	*
	0.4 mg/l	2,5-Hexanedion, without hydrolysis		*

* - For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

n-Hexane (CAS 110-54-3)

Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Fuels, diesel, no. 2 (CAS 68476-34-6)

Can be absorbed through the skin.

Naphthalene (CAS 91-20-3)

Can be absorbed through the skin.

n-Hexane (CAS 110-54-3)

Can be absorbed through the skin.

Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses. If splash potential exists, wear full face shield or chemical goggles.

Skin protection

Hand protection

Wear chemical-resistant, impervious gloves. Suitable gloves can be recommended by the glove supplier. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Other

Full body suit and boots are recommended when handling large volumes or in emergency situations. Flame retardant protective clothing is recommended.

Respiratory protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workplace exposure limits for product or components are exceeded, NIOSH approved equipment should be worn. Proper respirator selection should be determined by adequately trained personnel, based on the contaminants, the degree of potential exposure and published respiratory protection factors. This equipment should be available for nonroutine and emergency use.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Consult supervisor for special handling instructions. Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Wash hands before breaks and immediately after handling the product. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance	Liquid (may be dyed red).
Physical state	Liquid.
Form	Liquid.
Color	Clear. Straw.
Odor	Kerosene (strong).
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	-60.07 °F (-51.15 °C) Estimated
Initial boiling point and boiling range	325 - 700 °F (162.78 - 371.11 °C)
Flash point	> 100.0 °F (> 37.8 °C) Closed Cup
Evaporation rate	0.02
Flammability (solid, gas)	Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	0.4 %
Flammability limit - upper (%)	8 %
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	< 1 mm Hg (20°C)
Vapor density	3 (Air = 1)
Relative density	0.82 - 0.87
Relative density temperature	60 °F (15.56 °C)
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	494.96 °F (257.2 °C)
Decomposition temperature	Not available.
Viscosity	2 - 4.5 mm ² /s

10. Stability and reactivity

Reactivity	Stable at normal conditions.
Chemical stability	Stable under normal temperature conditions and recommended use.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks. Ignition sources. Contact with incompatible materials. Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information**Information on likely routes of exposure**

Ingestion	May be fatal if swallowed and enters airways.
Inhalation	Harmful if inhaled. In high concentrations, vapors and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.
Skin contact	Causes skin irritation.
Eye contact	May cause eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. Unconsciousness. Corneal damage. Narcosis. Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria. Defatting of the skin. Rash. The toxicological properties of this product have not been thoroughly investigated. Use appropriate precautions.

Information on toxicological effects

Acute toxicity	Harmful if inhaled. Harmful: may cause lung damage if swallowed. The toxicological properties of this material have not been fully investigated.
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Components	Species	Test Results
Fuels, diesel, no. 2 (CAS 68476-34-6)		
Acute		
Inhalation		
LC50	Rat	4.1 mg/l, 4 hours

Components	Species	Test Results
Naphthalene (CAS 91-20-3)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2 g/kg
<i>Oral</i>		
LD50	Rat	490 mg/kg
n-Heptane (CAS 142-82-5)		
Acute		
<i>Inhalation</i>		
LC50	Rat	103 mg/l, 4 Hours
n-Hexane (CAS 110-54-3)		
Acute		
<i>Oral</i>		
LD50	Rat	28710 mg/kg
n-Nonane (CAS 111-84-2)		
Acute		
<i>Inhalation</i>		
LC50	Rat	3200 mg/l, 4 Hours
Octane (All isomers) (CAS 111-65-9)		
Acute		
<i>Inhalation</i>		
LC50	Rat	118 mg/l, 4 Hours
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.	
Respiratory or skin sensitization		
Respiratory sensitization	Based on available data, the classification criteria are not met.	
Skin sensitization	Based on available data, the classification criteria are not met.	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.	
Carcinogenicity	Suspected of causing cancer. International Agency for Research on Cancer (IARC): Whole diesel engine exhaust – IARC Group 1. Exposure may cause lung cancer and also noted a positive association with an increased risk of bladder cancer. Diesel exhaust has been reported to be an occupational hazard due to NIOSH-reported potential carcinogenic properties.	
IARC Monographs. Overall Evaluation of Carcinogenicity		
Fuels, diesel, no. 2 (CAS 68476-34-6)		3 Not classifiable as to carcinogenicity to humans.
Naphthalene (CAS 91-20-3)		2B Possibly carcinogenic to humans.
NTP Report on Carcinogens		
Naphthalene (CAS 91-20-3)		Reasonably Anticipated to be a Human Carcinogen.
Reproductive toxicity	Suspected of damaging fertility or the unborn child. Napthalene interferes with embryo development in experimental animals at dose levels that cause maternal toxicity. In humans, excessive exposure to this agent may cause hemolytic anemia in the mother and fetus.	
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.	
Specific target organ toxicity - repeated exposure	May cause damage to the following organs through prolonged or repeated exposure: Blood. Liver. Thymus.	
Aspiration hazard	May be fatal if swallowed and enters airways.	
Chronic effects	Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication. Repeated exposure to naphthalene may cause cataracts, allergic skin rashes, destruction of red blood cells, and anemia, jaundice, kidney and liver damage. Danger of serious damage to health by prolonged exposure. Prolonged or repeated overexposure may cause central nervous system, kidney, liver, and lung damage.	

Further information

Symptoms may be delayed. Hydrogen sulfide, a highly toxic gas, may be present. Signs and symptoms of overexposure to hydrogen sulfide include respiratory and eye irritation, dizziness, nausea, coughing, a sensation of dryness and pain in the nose, and loss of consciousness. Odor does not provide a reliable indicator of the presence of hazardous levels in the atmosphere. Toxicological properties of this material have not been fully investigated.

12. Ecological information

Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Components		Species	Test Results
Fuels, diesel, no. 2 (CAS 68476-34-6)			
Aquatic			
Acute			
Crustacea	EL50	Daphnia magna	68 mg/l, 48 hours
Fish	LL50	Oncorhynchus mykiss	65 mg/l, 96 hours
Naphthalene (CAS 91-20-3)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.09 - 3.4 mg/l, 48 hours
Fish	LC50	Pink salmon (Oncorhynchus gorbuscha)	0.95 - 1.62 mg/l, 96 hours
n-Heptane (CAS 142-82-5)			
Aquatic			
Fish	LC50	Western mosquitofish (Gambusia affinis)	4924 mg/l, 96 hours
n-Hexane (CAS 110-54-3)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	2.101 - 2.981 mg/l, 96 hours
Persistence and degradability	Not available.		
Bioaccumulative potential	Not available.		
Partition coefficient n-octanol / water (log Kow)			
Hexane (Other isomers) (CAS 96-14-0)	3.6		
Octane (All isomers) (CAS 111-65-9)	5.18		
n-Heptane (CAS 142-82-5)	4.66		
n-Hexane (CAS 110-54-3)	3.9		
n-Nonane (CAS 111-84-2)	5.46		
Mobility in soil	Not available.		
Other adverse effects	Not available.		

13. Disposal considerations

Disposal instructions	Dispose in accordance with all applicable regulations. This material and its container must be disposed of as hazardous waste. Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.
Hazardous waste code	D001: Waste Flammable material with a flash point <140 °F
US RCRA Hazardous Waste U List: Reference	
Naphthalene (CAS 91-20-3)	U165
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. Transport information

DOT

UN number	UN1202
UN proper shipping name	Diesel fuel
Transport hazard class(es)	
Class	Combustible Liquid
Subsidiary risk	-
Packing group	III

DIESEL FUELS

Environmental hazards**Marine pollutant** Yes**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**Special provisions** 144, B1, IB3, T2, TP1**Packaging exceptions** 150**Packaging non bulk** 203**Packaging bulk** 242**IATA****UN number** UN1202**UN proper shipping name** Diesel fuel**Transport hazard class(es)****Class** 3**Subsidiary risk** -**Label(s)** 3**Packing group** III**Environmental hazards** Yes**ERG Code** 3L**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**IMDG****UN number** UN1202**UN proper shipping name** DIESEL FUEL**Transport hazard class(es)****Class** 3**Subsidiary risk** -**Label(s)** 3**Packing group** III**Environmental hazards****Marine pollutant** Yes**EmS** F-E, S-E**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable. However, this product is a liquid and if transported in bulk covered under MARPOL 73/78, Annex I.**15. Regulatory information****US federal regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

n-Nonane (CAS 111-84-2) 1.0 % One-Time Export Notification only.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Hexane (Other isomers) (CAS 96-14-0) LISTED

Naphthalene (CAS 91-20-3) LISTED

n-Heptane (CAS 142-82-5) LISTED

n-Hexane (CAS 110-54-3) LISTED

n-Nonane (CAS 111-84-2) LISTED

Octane (All isomers) (CAS 111-65-9) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Hazard categories** Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No**SARA 302 Extremely hazardous substance**

Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Naphthalene	91-20-3	0 - 1

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Naphthalene (CAS 91-20-3)

n-Hexane (CAS 110-54-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

Hexane (Other isomers) (CAS 96-14-0)

Naphthalene (CAS 91-20-3)

n-Heptane (CAS 142-82-5)

n-Hexane (CAS 110-54-3)

n-Nonane (CAS 111-84-2)

Octane (All isomers) (CAS 111-65-9)

US. New Jersey Worker and Community Right-to-Know Act

Fuels, diesel, no. 2 (CAS 68476-34-6)

Naphthalene (CAS 91-20-3)

n-Heptane (CAS 142-82-5)

n-Hexane (CAS 110-54-3)

n-Nonane (CAS 111-84-2)

Octane (All isomers) (CAS 111-65-9)

US. Pennsylvania Worker and Community Right-to-Know Law

Fuels, diesel, no. 2 (CAS 68476-34-6)

Hexane (Other isomers) (CAS 96-14-0)

Naphthalene (CAS 91-20-3)

n-Heptane (CAS 142-82-5)

n-Hexane (CAS 110-54-3)

n-Nonane (CAS 111-84-2)

Octane (All isomers) (CAS 111-65-9)

US. Rhode Island RTK

Naphthalene (CAS 91-20-3)

n-Hexane (CAS 110-54-3)

US. California Proposition 65**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Benzene (CAS 71-43-2)

Toluene (CAS 108-88-3)

International Inventories

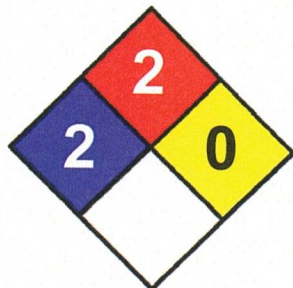
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	13-May-2013
Revision date	23-May-2014
Version #	04
Further information	HMIS® is a registered trade and service mark of the NPCA.
NFPA Ratings	



Disclaimer

This material Safety Data Sheet (SDS) was prepared in accordance with 29 CFR 1910.1200 by Valero Marketing & Supply Co., ("VALERO"). VALERO does not assume any liability arising out of product use by others. The information, recommendations, and suggestions presented in this SDS are based upon test results and data believed to be reliable. The end user of the product has the responsibility for evaluating the adequacy of the data under the conditions of use, determining the safety, toxicity and suitability of the product under these conditions, and obtaining additional or clarifying information where uncertainty exists. No guarantee expressed or implied is made as to the effects of such use, the results to be obtained, or the safety and toxicity of the product in any specific application. Furthermore, the information herein is not represented as absolutely complete, since it is not practicable to provide all the scientific and study information in the format of this document, plus additional information may be necessary under exceptional conditions of use, or because of applicable laws or government regulations.



**Department of Environmental
Resources Management**

2300 North Jog Road, 4th Floor
West Palm Beach, FL 33411-2743

(561) 233-2400

FAX: (561) 233-2414

www.pbcgov.com/erm

**Palm Beach County
Board of County
Commissioners**

Gregg K. Weiss, Mayor

Maria Sachs, Vice Mayor

Maria G. Marino

Michael A. Barnett

Marci Woodward

Sara Baxter

Mack Bernard

County Administrator

Verdenia C. Baker

August 3, 2023

CERTIFIED MAIL

Mr. Kenneth Goldberg, President
GCG Real Estate Holdings, LLC
1088 SW 10th Street
Delray Beach, FL 33444

Dear Mr. Goldberg:

SUBJECT: PERMIT TO OPERATE WITHIN WELLFIELD ZONE FOR
ALL COUNTY PAVING;
1088 SW 10TH STREET, DELRAY BEACH;
ERM FILE NO. 4-12-12-3620-374

Enclosed is the subject permit. Read through the permit conditions carefully. Should you object to any of the permit conditions, you must submit your objections in writing to the Department of Environmental Resources Management (ERM) within 20 days. If no objection to this permit is received, you will be deemed to have accepted the permit and all the attached terms and conditions. This permit shall become effective 20 days from the Date of Issue. In addition, a sample inspection log is enclosed for your use.

Should you have any questions or comments regarding the terms and conditions of the permit, please contact Samantha Pucci at (561) 233-2523.

Sincerely,

A handwritten signature in black ink, appearing to read "John Reiser".

John Reiser
Environmental Program Supervisor
Resources Protection

BF:JR:SP

Enclosures

cc: (with enclosures)

Hassan Hadjimiry, PE, Utilities Director
City of Delray Beach



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Verdenia C. Baker

PERMIT TO OPERATE WITHIN A WELLFIELD ZONE

OWNER/AGENT: Kenneth Goldberg
President

ERM FILE NO. 4-12-12-3620-374
PERMIT NO. WP-2023-005

PERMITTEE/ADDRESS: GCG Real Estate Holdings, LLC
1088 SW 10th Street
Delray Beach, FL 33444

FACILITY NAME/ADDRESS: All County Paving
1180 SW 10th Street
Delray Beach, FL 33444

This permit is issued under the provisions of the Unified Land Development Code, Article 14.B., Wellfield Protection. The above named Permittee is hereby authorized to operate the facility shown on the application and approved drawings, plans, documents and/or specifications attached hereto or on file at the Department of Environmental Resources Management (ERM) and made a part hereof and specifically described below. If no objection to this permit is received within 20 days, Permittee will be deemed to have accepted the permit and all the attached terms and conditions.

DESCRIPTION OF BUSINESS: Paving contractor and construction office. Regulated Substances are described in Exhibit 1 and include gasoline, waste oil and diesel.

DESIGNATED PUBLIC UTILITY: City of Delray Beach
Telephone (561) 243-7101

Issued this 3 day of August, 2023
PALM BEACH COUNTY DEPARTMENT OF
ENVIRONMENTAL RESOURCES MANAGEMENT

Bonnie Finneran, Environmental Director
Resources Protection

"An Equal Opportunity
Affirmative Action Employer"

GENERAL CONDITIONS

PERMIT NO. WP-2023-005

1. The terms, conditions, requirements, limitations and restrictions set forth herein are "Permit Conditions" and as such are accepted by and binding upon the Permittee and enforceable pursuant to Unified Land Development Code, Article 14.B., Wellfield Protection. ERM will review this permit periodically and may revoke or revise the permit, initiate administrative action, and/or initiate judicial action for any violation of the Permit Conditions by the Permittee, its agents, employees or representatives.
2. This permit is valid only for the specific uses set forth in the permit application. Any deviation from the approved uses or conditions of this permit may constitute grounds for revocation and enforcement action by ERM.
3. The issuance of this permit does not convey any vested rights or exclusive privileges, nor does it authorize any injury to public or private property or any invasion of personal rights, nor any violations of Federal, State or local laws or regulations.
4. This permit must be available for inspection on Permittee's premises during the entire life of the permit.
5. By accepting this permit, the Permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted facility that are submitted to ERM may be used as evidence in any enforcement proceeding arising under ERM rules and regulations, except where prohibited by Section 403.111, Florida Statutes.
6. The Permittee agrees to comply with the provisions of Article 14.B.
7. By accepting this permit, the Permittee agrees to allow authorized ERM personnel access to the permitted facility at reasonable times for the purposes of inspection, record keeping review, and testing to determine compliance with the conditions of this permit and ERM rules and regulations.
8. This permit does not constitute a waiver of or approval of any other department permit or license that may be required for aspects of the facility not addressed in the permit.
9. In the event that the Permittee is temporarily unable to comply with any of the conditions of the permit, the Permittee shall notify ERM within 24 hours of the cause and nature of non-compliance, period of non-compliance, and measures taken to correct and prevent reoccurrence of the problem. The Permittee shall be responsible for any and all damages which may result and may be subject to enforcement action or revocation or revision of the permit.
10. Any new owner or operator of a permitted facility shall apply to ERM for a transfer of permit within 60 days after sale or legal transfer. The transferor shall remain liable for performance in accord with the permit until the transferee applies for and is granted transfer of the permit.

GENERAL CONDITIONS (continued)

PERMIT NO. WP-2023-005

11. This permit shall be valid until further notice from ERM. Commencing in the October following permit issuance, the Permittee shall pay to the Palm Beach County Board of County Commissioners an annual permit fee according to the Schedule of Fees for ERM.
12. The Permittee agrees to operate this facility in such a manner as to minimize the risk of release of Regulated Substances to the environment.
13. The Permittee shall report by telephone any spill of a Regulated Substance in excess of 5 gallons, if liquid, or 25 pounds, if solid, to the Palm Beach County Health Department and designated public utility within 1 hour and to ERM within 24 hours of discovery of the spill.
14. The Permittee shall commence cleanup of a spill of a Regulated Substance immediately upon discovery of the spill. A full written report including the steps taken to contain and cleanup the spill shall be submitted to ERM within 15 days of discovery of the spill.
15. The Permittee shall inspect containers used for storing Regulated Substances on every day of operation. A record of the daily inspections shall be maintained at the facility.
16. Upon request of ERM, the Permittee shall furnish all records or reports required by this permit. The Permittee shall retain at the facility copies of all records or reports required by this permit. These records or reports shall be retained for at least 3 years from the date of origination or permit issuance.

EXHIBIT 1

Regulated Substances

Regulated Substances are substances that may cause significant harm to human health and the environment (including surface and groundwater). Article 14.B. regulates the storage, handling, use and production of Regulated Substances which may impair present and future drinking water supplies. Substances and materials from the following categories that are stored, handled, used or produced at the facility are considered to be Regulated Substances.

Acid and basic cleaning solutions	Medical, pharmaceutical, dental,
Antifreeze and coolants	veterinary and hospital solutions
Arsenic and arsenic compounds	Mercury and mercury compounds
Bleaches and peroxides	Metal finishing solutions
Brake and transmission fluids	Oils
Brine solution	Paints, primers, thinners, dyes, stains,
Casting & Foundry chemicals	wood preservatives, varnishing and
Caulking agents and sealants	cleaning compounds
Cleaning solvents	Painting solvents
Corrosion and rust prevention solutions	PCB's
Cutting fluids	Pesticides and herbicides
Degreasing and parts cleaning solvents	Plastic resins, plasticizers
Disinfectants	and catalysts
Electroplating solutions	Photo development chemicals
Explosives	Poisons
Fertilizers	Polishes
Fire extinguishing chemicals	Pool chemicals
Food processing wastes	Processed dust and particulates
Formaldehyde	Radioactive sources
Fuels and fuel additives	Reagents and standards
Glues, adhesives and resins	Refrigerants
Greases	Roofing chemicals and sealers
Hazardous waste	Sanitizers, disinfectants
Hydraulic fluid	bactericides and algacides
Indicators	Soaps, detergents and
Industrial and commercial janitorial	surfactants
supplies	Solders and fluxes
Industrial process chemicals	Stripping compounds
Industrial sludges and	Tanning industry chemicals
stillbottoms	Transformer and capacitor
Inks, printing and photocopying chemicals	oils/fluids
Laboratory chemicals	Waste oils and antifreeze
Liquid storage batteries	Water and wastewater
	treatment chemicals