

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Fuel Oil, Diesel "All Types"

Formula: C16 - C22

Chemical Name: Petroleum Distillate

Chemical Family: Petroleum Hydrocarbon

Synonyms: Diesel #2 "Dyed", Diesel #2 "Clear", ULSD, Heating Oil, Fuel Oil

1.2. Intended Use of the Product

Use of the substance/mixture: No use is specified.

1.3. Name, Address, and Telephone of the Responsible Party

Company

Continental Refining Company

300 Refinery Rd.

Somerset, KY 42501

T: (606) 679-6301

1.4. Emergency Telephone Number

Emergency Number : CHEMTREC: 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Flam. Liq. 3 H226

Acute Tox. 4 H332

(Inhalation:vapor)

Skin Irrit. 2 H315

Carc. 2 H351

STOT SE 3 H335

STOT RE 2 H373

Asp. Tox. 1 H304

Aquatic Acute 3 H402

Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

- : H226 - Flammable liquid and vapor.
 - H304 - May be fatal if swallowed and enters airways.
 - H315 - Causes skin irritation.
 - H332 - Harmful if inhaled.
 - H335 - May cause respiratory irritation.
 - H351 - Suspected of causing cancer.
 - H373 - May cause damage to organs (thymus, liver) through prolonged or repeated exposure.
 - H402 - Harmful to aquatic life.
 - H411 - Toxic to aquatic life with long lasting effects.
- Precautionary Statements (GHS-US)** :
- P201 - Obtain special instructions before use.
 - P202 - Do not handle until all safety precautions have been read and understood.
 - P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.
 - P233 - Keep container tightly closed.
 - P240 - Ground/bond container and receiving equipment.

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P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
P301+P310 - IF SWALLOWED: Immediately call a poison center or doctor.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P312 - Call a poison center or doctor if you feel unwell.
P314 - Get medical advice/attention if you feel unwell.
P321 - Specific treatment (see section 4 on this SDS).
P331 - Do NOT induce vomiting.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.
P391 - Collect spillage.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P235 - Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Flammable vapors can accumulate in head space of closed systems. A significant portion of the mixture consists of a substance capable of producing an aspiration hazard. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure, and even death.

2.4. Unknown Acute Toxicity (GHS-US)

Less than 1.2% consists of components of unknown acute toxicity.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product Identifier | % | Classification (GHS-US) |
|----------------|---------------------|-----|--|
| Fuel oil No. 2 | (CAS No) 68476-30-2 | 100 | Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapor), H332 Skin Irrit. 2, H315 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 2, H411 |

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| Contains | Product Identifier | % | Classification (GHS-US) |
|------------------------------|---------------------|-----------|--|
| Fuels, diesel, no. 2 | (CAS No) 68476-34-6 | > 75 | Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 2, H411 |
| Biphenyl | (CAS No) 92-52-4 | 0.4 - 1.2 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Naphthalene | (CAS No) 91-20-3 | 0.1 - 0.5 | Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Carc. 2, H351 STOT SE 1, H370 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Xylenes (o-, m-, p- isomers) | (CAS No) 1330-20-7 | 0.1 - 0.5 | Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:vapor), H332 Skin Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Acute 2, H401 |

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible). IF exposed or concerned: Get medical advice/attention.

First-aid Measures After Inhalation: Using proper respiratory protection, immediately move the exposed person to fresh air. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid Measures After Skin Contact: Remove contaminated clothing. Gently wash with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

First-aid Measures After Ingestion: Rinse mouth thoroughly with water. Do NOT induce vomiting. Seek medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: May be harmful if swallowed and enters airways. Causes skin irritation. Harmful if inhaled. Suspected of causing cancer. May cause damage to organs (liver, thymus). May cause respiratory irritation.

Symptoms/Injuries After Inhalation: Harmful if inhaled. May cause respiratory irritation. Symptoms may include: Sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.

Symptoms/Injuries After Skin Contact: Causes skin irritation. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion: May be harmful if swallowed and enters airways. 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 nausea, vomiting and diarrhea.

Chronic Symptoms: May cause damage to organs through prolonged or repeated exposure. Suspected of causing cancer.

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4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Flammable liquid and vapor.

Explosion Hazard: May form flammable/explosive vapor-air mixture.

Reactivity: Reacts with (strong) oxidizers: (increased) risk of fire.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities:

Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus to protect against potential hazardous combustion and decomposition products.

Other Information: Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing (vapor, mist, spray). Avoid all contact with skin, eyes, or clothing. No flames, no sparks. Eliminate all sources of ignition.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Stop leak if safe to do so. Eliminate ignition sources.

6.2. Environmental Precautions

Notify Safety and Environmental personnel. Plan ahead for handling spills. Wear appropriate personal protective. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not allow to enter drains or water courses. Contact competent authorities after a spill.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Absorb and/or contain spill with inert material. Collect absorbed material and place into a sealed, labeled container for proper disposal. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools.

6.4. Reference to Other Sections

For further information refer to section 13. See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Handle empty containers with care because residual vapors are flammable. Hot organic chemical vapors or mists are susceptible to spontaneous combustion when mixed with air, ignition may occur below auto ignition temperature. Ignition temperatures will decrease with increasing vapor volumes, vapor air contact time, and pressure changes. Ignition may occur at elevated-temperature process conditions, especially under a vacuum.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Ground/bond container and receiving equipment. Use explosion-proof ventilating, lighting, electrical equipment.

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Storage Conditions: Store in a cool, dry, well-ventilated place. Keep containers tightly closed. Do not store near heat, flame, or other potential ignition sources. Do not store with oxidizers. Do not store in unlabeled containers. Ground all equipment containing this material.

Incompatible Products: Strong acids, strong bases, strong oxidizers, heat sources.

7.3. Specific End Use(s)

No use is specified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

| Fuel oil No. 2 (68476-30-2) | | |
|--|---------------------------------------|--|
| USA ACGIH | ACGIH TWA (mg/m ³) | 100 mg/m ³ (inhalable fraction and vapor) |
| USA ACGIH | ACGIH chemical category | Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| Fuels, diesel, no. 2 (68476-34-6) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 100 mg/m ³ (inhalable fraction and vapor) |
| USA ACGIH | ACGIH chemical category | Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| Biphenyl (92-52-4) | | |
| USA ACGIH | ACGIH TWA (ppm) | 0.2 ppm |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 1 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 0.2 ppm |
| USA IDLH | US IDLH (mg/m ³) | 100 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 1 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 0.2 ppm |
| Naphthalene (91-20-3) | | |
| USA ACGIH | ACGIH TWA (ppm) | 10 ppm |
| USA ACGIH | ACGIH chemical category | Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 50 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 10 ppm |
| USA NIOSH | NIOSH REL (STEL) (mg/m ³) | 75 mg/m ³ |
| USA NIOSH | NIOSH REL (STEL) (ppm) | 15 ppm |
| USA IDLH | US IDLH (ppm) | 250 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 50 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 10 ppm |
| Xylenes (o-, m-, p- isomers) (1330-20-7) | | |
| USA ACGIH | ACGIH TWA (ppm) | 100 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 150 ppm |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 435 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 100 ppm |

8.2. Exposure Controls

Appropriate Engineering Controls

: Gas detectors should be used when flammable gases/vapors may be released. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed.

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Personal Protective Equipment : Full protective clothing. Insufficient ventilation: wear respiratory protection. Protective goggles. Gloves.



Materials for Protective Clothing : Wear suitable protective clothing.
Hand Protection : Impermeable protective gloves.
Eye Protection : Safety glasses with side shields, or goggles, are recommended.
Skin and Body Protection : Wear suitable protective clothing. Chemical resistant suit. Rubber apron, boots.
Respiratory Protection : Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Environmental Exposure Controls : Do not allow the product to be released into the environment.
Consumer Exposure Controls : Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State : Liquid
Appearance : Clear straw color liquid, (unless dyed red)
Odor : Mild, petroleum distillate
Odor Threshold : No data available
pH : No data available
Evaporation Rate : < 1
Melting Point : Not Applicable
Freezing Point : No data available
Boiling Point : 330 - 760 °F (166 - 404 °C)
Flash Point : > 125 °F (>51.67 °C)
Auto-ignition Temperature : >490 °F (>254 °C)
Decomposition Temperature : No data available
Flammability (solid, gas) : No data available
Vapor Pressure : < 2.6 mm Hg @ 122°F
Relative Vapor Density at 20 °C : > 4
Specific Gravity : 0.825, API Gravity - 40 @ 60°F
Solubility : Negligible
Partition Coefficient: N-Octanol/Water : No data available
Viscosity : 2.36 cSt @ 100°F
Lower flammable limit : 0.4%
Upper Flammable Limit : 7.5%

9.2. Other Information

VOC content : 100 %

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Reacts with (strong) oxidizers: (increased) risk of fire.
10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, open flames, sources of ignition and incompatible materials.
10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers, heat sources.
10.6. Hazardous Decomposition Products: Dense smoke may be generated while burning. Products of combustion may contain carbon monoxide, carbon dioxide and other toxic materials.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Inhalation:Harmful if inhaled.

| | |
|-------------------------------------|---------------|
| Fuel Oil, Diesel "All Types" | |
| ATE (Vapors) | 11.00 mg/l/4h |
| Fuel oil No. 2 (68476-30-2) | |
| LD50 Dermal Rabbit | 4720 µl/kg |

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| | |
|---|--|
| LC50 Inhalation Rat | 4.6 mg/l/4h |
| Fuels, diesel, no. 2 (68476-34-6) | |
| LD50 Oral Rat | 18.7 - 24.9 ml/kg |
| LD50 Dermal Rabbit | > 4300 mg/kg |
| ATE (Dust/Mist) | 3.60 mg/l/4h |
| Naphthalene (91-20-3) | |
| LD50 Oral Rat | 533 - 710 mg/kg |
| LD50 Dermal Rabbit | 1120 mg/kg |
| LC50 Inhalation Rat | > 340 mg/m ³ (Exposure time: 1 h) |
| Xylenes (o-, m-, p- isomers) (1330-20-7) | |
| LD50 Oral Rat | > 5000 mg/kg |
| LC50 Inhalation Rat | 6247 ppm/4h (species: Sprague-Dawley) |
| ATE (Dermal) | 1,100.00 mg/kg body weight |
| ATE (Vapors) | 11.00 mg/l/4h |

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Suspected of causing cancer.

| | |
|---|---|
| Naphthalene (91-20-3) | |
| IARC group | 2B |
| National Toxicology Program (NTP) Status | Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen. |
| Xylenes (o-, m-, p- isomers) (1330-20-7) | |
| IARC group | 3 |

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs (thymus, liver) through prolonged or repeated exposure.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Harmful if inhaled. May cause respiratory irritation. Symptoms may include: Sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.

Symptoms/Injuries After Skin Contact: Causes skin irritation. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion: May be harmful if swallowed and enters airways. 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 nausea, vomiting and diarrhea.

Chronic Symptoms: May cause damage to organs through prolonged or repeated exposure. Suspected of causing cancer.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

| | |
|--|--|
| Fuel oil No. 2 (68476-30-2) | |
| LC50 Fish 1 | 35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| Fuels, diesel, no. 2 (68476-34-6) | |
| LC50 Fish 1 | 57 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| Biphenyl (92-52-4) | |
| LC50 Fish 1 | 1.65 - 2.29 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 0.63 - 0.85 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| LC 50 Fish 2 | 1.17 - 1.81 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| Naphthalene (91-20-3) | |
| LC50 Fish 1 | 5.74 - 6.44 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 2.16 mg/l (Exposure time: 48 h - Species: Daphnia magna) |

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| | |
|---|--|
| LC 50 Fish 2 | 1.6 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
| EC50 Daphnia 2 | 1.96 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through]) |
| Xylenes (o-, m-, p- isomers) (1330-20-7) | |
| LC50 Fish 1 | 3.3 mg/l |
| EC50 Daphnia 1 | 3.82 mg/l (Exposure time: 48 h - Species: water flea) |
| LC 50 Fish 2 | 2.661 (2.661 - 4.093) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |

12.2. Persistence and Degradability

No additional information available

12.3. Bioaccumulative Potential

| | |
|---|----------------|
| Biphenyl (92-52-4) | |
| Log Pow | 4.09 |
| Naphthalene (91-20-3) | |
| BCF fish 1 | 30 - 430 |
| Log Pow | 3.3 (at 20 °C) |
| Xylenes (o-, m-, p- isomers) (1330-20-7) | |
| BCF fish 1 | 0.6 (0.6 - 15) |
| Log Pow | 2.77 - 3.15 |

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Do not release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Sewage Disposal Recommendations: Do not dispose of waste into sewer. Do not empty into drains; dispose of this material and its container in a safe way.

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Additional Information: Empty containers may have traces of flammable residue. Do not expose containers to heat, flames, or ignition sources. EPA Hazardous Waste Number: D001 (Ignitability).

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT

Proper Shipping Name : DIESEL FUEL
Hazard Class : 3
Identification Number : UN1202
Label Codes : 3
Packing Group : III
Marine Pollutant : Marine pollutant
ERG Number : 128



14.2. In Accordance with IMDG

Proper Shipping Name : DIESEL FUEL
Hazard Class : 3
Identification Number : UN1202
Packing Group : III
Label Codes : 3
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Marine Pollutant : Marine pollutant
MFAG Number : 130



14.3. In Accordance with IATA

Proper Shipping Name : DIESEL FUEL

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Packing Group : III
 Identification Number : UN1202



Hazard Class : 3

Label Codes : 3
 ERG Code (IATA) : 3L

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

| | |
|---|--|
| Fuel Oil, Diesel "All Types" | |
| SARA Section 311/312 Hazard Classes | Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard |
| Fuel oil No. 2 (68476-30-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Fuels, diesel, no. 2 (68476-34-6) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Biphenyl (92-52-4) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313 | |
| EPA TSCA Regulatory Flag | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |
| SARA Section 313 - Emission Reporting | 1.0 % |
| Naphthalene (91-20-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313 | |
| EPA TSCA Regulatory Flag | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |
| RQ (Reportable quantity, section 304 of EPA's List of Lists) | 100 lb |
| SARA Section 313 - Emission Reporting | 0.1 % |
| Xylenes (o-, m-, p- isomers) (1330-20-7) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313 | |
| RQ (Reportable quantity, section 304 of EPA's List of Lists) | 100 lb |
| SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard Fire hazard Immediate (acute) health hazard |
| SARA Section 313 - Emission Reporting | 1.0 % |

15.2 US State Regulations

| | |
|--|--|
| Naphthalene (91-20-3) | |
| U.S. - California - Proposition 65 - Carcinogens List | WARNING: This product contains chemicals known to the State of California to cause cancer. |
| Fuels, diesel, no. 2 (68476-34-6) | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | |
| Biphenyl (92-52-4) | |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List | |
| Naphthalene (91-20-3) | |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List | |

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U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

Xylenes (o-, m-, p- isomers) (1330-20-7)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 07/28/2015

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

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| Acute Tox. 3 (Inhalation:vapor) | Acute toxicity (inhalation:vapor) Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4 |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 4 (Inhalation:vapor) | Acute toxicity (inhalation:vapor) Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment - Acute Hazard Category 1 |
| Aquatic Acute 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Aquatic Acute 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Asp. Tox. 1 | Aspiration hazard Category 1 |
| Carc. 2 | Carcinogenicity Category 2 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Flam. Liq. 3 | Flammable liquids Category 3 |
| Flam. Sol. 2 | Flammable solids Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| STOT RE 2 | Specific target organ toxicity (repeated exposure) Category 2 |
| STOT SE 1 | Specific target organ toxicity (single exposure) Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H226 | Flammable liquid and vapor |
| H228 | Flammable solid |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H351 | Suspected of causing cancer |
| H370 | Causes damage to organs |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.