# Diesel PC-9 Test Fuel

Version 3.2 Revision Date 2016-06-01

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product information**

Product Name : Diesel PC-9 Test Fuel
Material : 1106043, 1082071, 1033863, 1033803, 1033864

**Company** : Chevron Phillips Chemical Company LP
Specialty Chemicals
10001 Six Pines Drive
The Woodlands, TX 77380

**Emergency telephone:**

**Health**:
866.442.9628 (North America)
1.832.813.4984 (International)
**Transport**:
CHEMTREC 800.424.9300 or 703.527.3887(int'l)
Asia: +800 CHEMCALL (+800 2436 2255) China:+86-21-22157316
EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)
South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600

Responsible Department : Product Safety and Toxicology Group
E-mail address : SDS@CPChem.com
Website : www.CPChem.com

## SECTION 2: Hazards identification

**Classification of the substance or mixture**
This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard.

**Emergency Overview**

Danger

**Physical state**: Liquid **Color**: Pale yellow to brown (if undyed), red to purple (dyed)
**Odor**: Mild

OSHA Hazards : Combustible Liquid, Moderate skin irritant, Carcinogen, Toxic by inhalation., Toxic by ingestion, Mutagen, Aspiration hazard, Specific target organ systemic toxicity - single exposure, Specific target organ systemic toxicity - repeated exposure

**Classification**

: Flammable liquids, Category 3
Acute toxicity, Category 4, Oral
Acute toxicity, Category 4, Inhalation
Skin irritation, Category 2
Carcinogenicity, Category 1B
Specific target organ systemic toxicity - single exposure, Category 3, Central nervous system
Specific target organ systemic toxicity - repeated exposure, Category 1, Eyes, Blood
Specific target organ systemic toxicity - repeated exposure, Category 2, Liver, thymus gland, Auditory organs, Kidney
Specific target organ systemic toxicity - repeated exposure, Category 2, Inhalation, Auditory organs
Aspiration hazard, Category 1

**Labeling**

Symbol(s) :

Signal Word : Danger

Hazard Statements : H226: Flammable liquid and vapor.
H302 + H332: Harmful if swallowed or if inhaled.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H350: May cause cancer.
H372: Causes damage to organs (Eyes, Blood) through prolonged or repeated exposure.
H373: May cause damage to organs (Liver, thymus gland, Auditory organs, Kidney) through prolonged or repeated exposure.
H373: May cause damage to organs (Auditory organs) through prolonged or repeated exposure if inhaled.

Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe dust/fume/gas/mist/vapor/spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
**Response:**

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
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 dry sand, dry chemical or alcohol-resistant foam to extinguish.
**Storage:**
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
**Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.

**Carcinogenicity:**

| | | |
|---|---|---|
| **IARC** | Group 2B: Possibly carcinogenic to humans | |
| | Light Aromatic Solvent Naphtha | 64742-95-6 |
| | Light Cycle Oil | 64741-59-9 |
| | Naphthalene | 91-20-3 |
| | Ethylbenzene | 100-41-4 |
| **NTP** | Known to be human carcinogen | |
| | Light Cycle Oil | 64741-59-9 |
| | Reasonably anticipated to be a human carcinogen | |
| | Naphthalene | 91-20-3 |
| **ACGIH** | Confirmed animal carcinogen with unknown relevance to humans | |
| | Diesel fuel | 68476-34-6 |
| | Light Aromatic Solvent Naphtha | 64742-95-6 |
| | Distillates (petroleum), Hydrotreated light | 64742-47-8 |
| | Kerosene C9-C16 | 8008-20-6 |

## SECTION 3: Composition/information on ingredients

Synonyms : PC-9 Diesel Test Fuel

Molecular formula : Mixture

| Component | CAS-No. | Weight % |
|---|---|---|

| | | |
|---|---|---|
| Diesel fuel | 68476-34-6 | 60 - 100 |
| Light Aromatic Solvent Naphtha | 64742-95-6 | 0 - 20 |
| Light Cycle Oil | 64741-59-9 | 0 - 20 |
| Distillates (petroleum), Hydrotreated light | 64742-47-8 | 0 - 20 |
| Kerosene C9-C16 | 8008-20-6 | 0 - 20 |
| Benzene, 1,4-dimethyl-, manuf. of, by-products from, C11-22-distn. residues | 147952-37-2 | 0 - 20 |
| Distillates (petroleum), Hydrotreated light Paraffinic | 64742-55-8 | 0 - 15 |
| Naphthalene | 91-20-3 | 1 - 5 |
| Ethylbenzene | 100-41-4 | 1 - 5 |
| Benzene, dimethyl- | 1330-20-7 | 1 - 5 |

## SECTION 4: First aid measures

General advice : Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Material may produce a serious, potentially fatal pneumonia if swallowed or vomited.

If inhaled : Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

In case of skin contact : If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact : Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

## SECTION 5: Firefighting measures

Flash point : 47 °C (117 °F)

Autoignition temperature : No data available

Suitable extinguishing media : Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical.

Unsuitable extinguishing media : High volume water jet.

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and

contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

| | | |
|---|---|---|
| Fire and explosion protection | : | Do not spray on an open flame or any other incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from open flames, hot surfaces and sources of ignition. |
| Hazardous decomposition products | : | Hydrocarbons. Carbon oxides. |

## SECTION 6: Accidental release measures

| | | |
|---|---|---|
| Personal precautions | : | Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. |
| Environmental precautions | : | Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods for cleaning up | : | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

## SECTION 7: Handling and storage

**Handling**

| | | |
|---|---|---|
| Advice on safe handling | : | Avoid formation of aerosol. Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations. |
| Advice on protection against fire and explosion | : | Do not spray on an open flame or any other incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from open flames, hot surfaces and sources of ignition. |

**Storage**

| | | |
|---|---|---|
| Requirements for storage areas and containers | : | No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. |

Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

## SECTION 8: Exposure controls/personal protection

### Ingredients with workplace control parameters

**US**

| Ingredients | Basis | Value | Control parameters | Note |
|---|---|---|---|---|
| Diesel fuel | ACGIH | TWA | 100 mg/m3 | dermatitis, A3, Skin, varies, Inhalable fraction and vapor |
| Light Aromatic Solvent Naphtha | OSHA Z-1 | TWA | 500 ppm, 2,000 mg/m3 | (b), |
| | OSHA Z-1-A | TWA | 400 ppm, 1,600 mg/m3 | |
| | ACGIH | TWA | 200 mg/m3 | CNS impair, URT irr, skin irr, P, A3, Skin, varies, |
| Distillates (petroleum), Hydrotreated light | OSHA Z-1 | TWA | 500 ppm, 2,000 mg/m3 | (b), |
| | OSHA Z-1-A | TWA | 400 ppm, 1,600 mg/m3 | |
| | ACGIH | TWA | 200 mg/m3 | CNS impair, URT irr, skin irr, P, A3, Skin, varies, |
| Kerosene C9-C16 | ACGIH | TWA | 200 mg/m3 | CNS impair, URT irr, skin irr, P, A3, Skin, varies, |
| | OSHA Z-1 | TWA | 500 ppm, 2,000 mg/m3 | (b), |
| | OSHA Z-1-A | TWA | 400 ppm, 1,600 mg/m3 | |
| Distillates (petroleum), Hydrotreated light Paraffinic | ACGIH | TWA | 5 mg/m3 | URT irr, A4, Inhalable fraction |
| | OSHA Z-1 | TWA | 5 mg/m3 | Mist |
| | OSHA Z-1-A | TWA | 5 mg/m3 | Mist |
| Naphthalene | ACGIH | TWA | 10 ppm, | hemolytic anemia, URT irr, cataract, A3, Skin, |
| | ACGIH | STEL | 15 ppm, | hematologic eff, URT irr, eye irr, eye dam, (), A4, Skin, |
| | OSHA Z-1 | TWA | 10 ppm, 50 mg/m3 | (b), |
| | OSHA Z-1-A | TWA | 10 ppm, 50 mg/m3 | |
| | OSHA Z-1-A | STEL | 15 ppm, 75 mg/m3 | |
| Ethylbenzene | OSHA Z-1 | TWA | 100 ppm, 435 mg/m3 | (b), |
| | OSHA Z-1-A | TWA | 100 ppm, 435 mg/m3 | |
| | OSHA Z-1-A | STEL | 125 ppm, 545 mg/m3 | |
| | ACGIH | TWA | 20 ppm, | |
| Benzene, dimethyl- | OSHA Z-1 | TWA | 100 ppm, 435 mg/m3 | (b), |
| | ACGIH | TWA | 100 ppm, | CNS impair, URT irr, eye irr, BEI, A4, |
| | ACGIH | STEL | 150 ppm, | CNS impair, URT irr, eye irr, BEI, A4, |
| | OSHA Z-1-A | STEL | 150 ppm, 655 mg/m3 | |
| | OSHA Z-1-A | TWA | 100 ppm, 435 mg/m3 | |
| | ACGIH | TWA | 100 ppm, | CNS impair, URT irr, eye irr, BEI, A4, |
| | ACGIH | STEL | 150 ppm, | CNS impair, URT irr, eye irr, BEI, A4, |

() Adopted values or notations enclosed are those for which changes are proposed in the NIC
(b) The value in mg/m3 is approximate.
A3 Confirmed animal carcinogen with unknown relevance to humans
A4 Not classifiable as a human carcinogen
BEI Substances for which there is a Biological Exposure Index or Indices (see BEI® section)
cataract Cataract
CNS impair Central Nervous System impairment
dermatitis Dermatitis
eye dam Eye damage
eye irr Eye irritation
hematologic eff Hematologic effects
hemolytic anemia Hemolytic anemia
P Application restricted to conditions in which there are neglible aerosol exposures
Skin Danger of cutaneous absorption
skin irr Skin irritation
URT irr Upper Respiratory Tract irritation
varies varies

Hazardous components without workplace control parameters

**Immediately Dangerous to Life or Health Concentrations (IDLH)**

| Substance name | CAS-No. | Control parameters | Update |
|---|---|---|---|
| Distillates (petroleum), Hydrotreated light Paraffinic | 64742-55-8 | Immediately Dangerous to Life or Health Concentration Value<br>2500 milligram per cubic meter | 1995-03-01 |
| Naphthalene | 91-20-3 | Immediately Dangerous to Life or Health Concentration Value<br>250 ppm | 1995-03-01 |
| Ethylbenzene | 100-41-4 | Immediately Dangerous to Life or Health Concentration Value<br>800 ppm | 1995-03-01 |
| Benzene, dimethyl- | 1330-20-7 | Immediately Dangerous to Life or Health Concentration Value<br>900 ppm | 1995-03-01 |

**US**

| Substance name | CAS-No. | Control parameters | Sampling time | Update |
|---|---|---|---|---|
| Ethylbenzene | 100-41-4 | Sum of mandelic acid and phenyl glyoxylic acid: 0.15 g/g creatinine (Urine) | End of shift (As soon as possible after exposure ceases) | 2014-03-01 |
| Benzene, dimethyl- | 1330-20-7 | Methylhippuric acids: 1.5 g/g creatinine (Urine) | End of shift (As soon as possible after exposure ceases) | 2013-03-01 |

**Engineering measures**

Adequate ventilation to control airborned concentrations below the exposure guidelines/limits. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

**Personal protective equipment**

Respiratory protection : Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as:. Air-Purifying Respirator for Organic Vapors. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection : Eye wash bottle with pure water. Tightly fitting safety goggles.

Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the

| | | |
|---|---|---|
| | | specific work-place. Wear as appropriate:. Flame retardant antistatic protective clothing. Workers should wear antistatic footwear. |
| Hygiene measures | : | When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. |

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance**

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Color | : | Pale yellow to brown (if undyed), red to purple (dyed) |
| Odor | : | Mild |

**Safety data**

| | | |
|---|---|---|
| Flash point | : | 47 °C (117 °F) |
| Lower explosion limit | : | No data available |
| Upper explosion limit | : | No data available |
| Oxidizing properties | : | no |
| Autoignition temperature | : | No data available |
| Molecular formula | : | Mixture |
| Molecular weight | : | Not applicable |
| pH | : | Not applicable |
| Pour point | : | -15 °C (5 °F) |
| Boiling point/boiling range | : | 191 - 343 °C (376 - 649 °F) |
| Vapor pressure | : | No data available |
| Relative density | : | 0.87<br>at 16 °C (61 °F) |
| Water solubility | : | Negligible |
| Partition coefficient: n-octanol/water | : | No data available |
| Viscosity, kinematic | : | 2.55 cSt<br>at 40 °C (104 °F) |
| Relative vapor density | : | No data available |
| Evaporation rate | : | No data available |
| Percent volatile | : | > 99 % |

## SECTION 10: Stability and reactivity

Chemical stability : This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**Possibility of hazardous reactions**

Conditions to avoid : Heat, flames and sparks.

Materials to avoid : May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Hazardous decomposition products : Hydrocarbons
Carbon oxides

Other data : No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

**Diesel PC-9 Test Fuel**
**Acute oral toxicity** : LD50 Oral: 1,859 mg/kg
Species: Rat
Method: Acute toxicity estimate

**Diesel PC-9 Test Fuel**
**Acute inhalation toxicity** : LC50: 2.27 mg/l
Exposure time: 4 h
Species: Rat
Test atmosphere: dust/mist
Method: Acute toxicity estimate

**Diesel PC-9 Test Fuel**
**Acute dermal toxicity** : LD50 Dermal: > 5,000 mg/kg
Species: Rabbit
Method: Acute toxicity estimate

**Diesel PC-9 Test Fuel**
**Skin irritation** : Irritating to skin.
May cause skin irritation in susceptible persons.

**Diesel PC-9 Test Fuel**
**Eye irritation** : No eye irritation

**Diesel PC-9 Test Fuel**
**Sensitization** : Does not cause skin sensitization.
Information given is based on data obtained from similar substances.

**Diesel PC-9 Test Fuel**
**Repeated dose toxicity** : Target Organs: Auditory organs, Thymus, Liver, Kidney

Estimated based on individual component values.

**Diesel PC-9 Test Fuel**
**Carcinogenicity** : Method: Expected to be carcinogenic based on individual component data.

**Diesel PC-9 Test Fuel**
**Reproductive toxicity** : This information is not available.

**Diesel PC-9 Test Fuel**
**Developmental Toxicity** : Not available

**Diesel PC-9 Test Fuel**
**Aspiration toxicity** : Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.

**Toxicology Assessment**

**Diesel PC-9 Test Fuel**
**CMR effects** : Carcinogenicity:
May cause cancer.
Mutagenicity:
May cause genetic defects.

**Diesel PC-9 Test Fuel**
**Further information** : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

## SECTION 12: Ecological information

**Ecotoxicity effects**

**Toxicity to fish** : Toxic to fish.
Estimated based on individual component values.

**Toxicity to daphnia and other aquatic invertebrates** : Toxic to aquatic organisms.
Estimated based on individual component values.

**Toxicity to algae** : Toxic to algae.
Estimated based on individual component values.

Distillates (petroleum), light catalytic cracked : 1

**Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)**

Distillates (petroleum), : NOEC: 0.48 mg/l

| | | |
|---|---|---|
| Hydrotreated light | | Exposure time: 21 Days<br>Species: Daphnia magna (Water flea) |
| Ethylbenzene | : | NOEC: 1 mg/l<br>Exposure time: 7 d<br>Species: Daphnia pulex (Water flea)<br>semi-static test<br>Analytical monitoring: yes |

Elimination information (persistence and degradability)

Bioaccumulation

| | | |
|---|---|---|
| Benzene, dimethyl- | : | This material is not expected to bioaccumulate. |
| Biodegradability | : | This material is not expected to be readily biodegradable. |

**Ecotoxicology Assessment**

| | | |
|---|---|---|
| Acute aquatic toxicity | : | Toxic to aquatic life. |
| Chronic aquatic toxicity | : | Toxic to aquatic life with long lasting effects. |
| Results of PBT assessment | : | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |
| Additional ecological information | : | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with long lasting effects. |

## SECTION 13: Disposal considerations

The information in this SDS pertains only to the product as shipped.

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

| | | |
|---|---|---|
| Product | : | The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. |
| Contaminated packaging | : | Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum. |

## SECTION 14: Transport information

**The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).**

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous

Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

**US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)**
UN1202, DIESEL FUEL, 3, III, MARINE POLLUTANT

**IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)**
UN1202, DIESEL FUEL, 3, III, (47 °C), MARINE POLLUTANT, (DIESEL FUEL)

**IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)**
UN1202, DIESEL FUEL, 3, III

**ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))**
UN1202, DIESEL FUEL, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS, (DIESEL FUEL)

**RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))**
UN1202, DIESEL FUEL, 3, III, ENVIRONMENTALLY HAZARDOUS, (DIESEL FUEL)

**ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)**
UN1202, DIESEL FUEL, 3, III, ENVIRONMENTALLY HAZARDOUS, (DIESEL FUEL)

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

## SECTION 15: Regulatory information

**National legislation**

**SARA 311/312 Hazards** : Fire Hazard
Acute Health Hazard
Chronic Health Hazard

**EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO – KNOW**

CERCLA Reportable Quantity : 3704 lbs

Naphthalene

SARA 302 Threshold : No chemicals in this material are subject to the reporting

Planning Quantity requirements of SARA Title III, Section 302.

SARA 313 Ingredients : The following components are subject to reporting levels established by SARA Title III, Section 313:

: Naphthalene - 91-20-3
Ethylbenzene - 100-41-4
Benzene, dimethyl- - 1330-20-7

**Clean Air Act**

Ozone-Depletion Potential : This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):
: Ethylbenzene - 100-41-4

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):
: Ethylbenzene - 100-41-4
Benzene, dimethyl- - 1330-20-7

**US State Regulations**

Pennsylvania Right To Know
: Diesel fuel - 68476-34-6
Distillates (petroleum), Hydrotreated light - 64742-47-8
Kerosene C9-C16 - 8008-20-6
Naphthalene - 91-20-3
Ethylbenzene - 100-41-4
Benzene, dimethyl- - 1330-20-7
Distillates (petroleum), Hydrotreated light Paraffinic - 64742-55-8

New Jersey Right To Know
: Diesel fuel - 68476-34-6
Kerosene C9-C16 - 8008-20-6
Naphthalene - 91-20-3
Ethylbenzene - 100-41-4
Benzene, dimethyl- - 1330-20-7
Distillates (petroleum), Hydrotreated light - 64742-47-8
Distillates (petroleum), Hydrotreated light Paraffinic - 64742-55-8

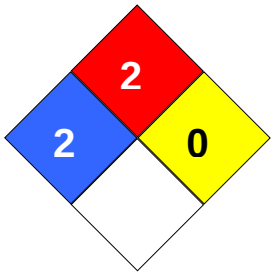
| | | |
|---|---|---|
| California Prop. 65 Ingredients | : | WARNING! This product contains a chemical known in the State of California to cause cancer. |

**Notification status**

| | | |
|---|---|---|
| Europe REACH | : | On the inventory, or in compliance with the inventory |
| United States of America TSCA | : | On TSCA Inventory |
| Canada NDSL | : | This product contains one or several components listed in the Canadian NDSL. |
| Australia AICS | : | Not in compliance with the inventory |
| New Zealand NZIoC | : | Not in compliance with the inventory |
| Japan ENCS | : | On the inventory, or in compliance with the inventory |
| Korea KECI | : | Not in compliance with the inventory |
| Philippines PICCS | : | Not in compliance with the inventory |
| China IECSC | : | Not in compliance with the inventory |

## SECTION 16: Other information

**NFPA Classification** : Health Hazard: 2
Fire Hazard: 2
Reactivity Hazard: 0




**Further information**

Legacy SDS Number : CPC00523

Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information in this SDS pertains only to the product as shipped.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

| Key or legend to abbreviations and acronyms used in the safety data sheet | | | |
|---|---|---|---|
| ACGIH | American Conference of Government Industrial Hygienists | LD50 | Lethal Dose 50% |
| AICS | Australia, Inventory of Chemical Substances | LOAEL | Lowest Observed Adverse Effect Level |
| DSL | Canada, Domestic Substances List | NFPA | National Fire Protection Agency |
| NDSL | Canada, Non-Domestic Substances List | NIOSH | National Institute for Occupational Safety & Health |

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|---|---|---|---|
| CNS | Central Nervous System | NTP | National Toxicology Program |
| CAS | Chemical Abstract Service | NZIoC | New Zealand Inventory of Chemicals |
| EC50 | Effective Concentration | NOAEL | No Observable Adverse Effect Level |
| EC50 | Effective Concentration 50% | NOEC | No Observed Effect Concentration |
| EGEST | EOSCA Generic Exposure Scenario Tool | OSHA | Occupational Safety & Health Administration |
| EOSCA | European Oilfield Specialty Chemicals Association | PEL | Permissible Exposure Limit |
| EINECS | European Inventory of Existing Chemical Substances | PICCS | Philippines Inventory of Commercial Chemical Substances |
| MAK | Germany Maximum Concentration Values | PRNT | Presumed Not Toxic |
| GHS | Globally Harmonized System | RCRA | Resource Conservation Recovery Act |
| >= | Greater Than or Equal To | STEL | Short-term Exposure Limit |
| IC50 | Inhibition Concentration 50% | SARA | Superfund Amendments and Reauthorization Act. |
| IARC | International Agency for Research on Cancer | TLV | Threshold Limit Value |
| IECSC | Inventory of Existing Chemical Substances in China | TWA | Time Weighted Average |
| ENCS | Japan, Inventory of Existing and New Chemical Substances | TSCA | Toxic Substance Control Act |
| KECI | Korea, Existing Chemical Inventory | UVCB | Unknown or Variable Composition, Complex Reaction Products, and Biological Materials |
| <= | Less Than or Equal To | WHMIS | Workplace Hazardous Materials Information System |
| LC50 | Lethal Concentration 50% | | |