


TrusTec™ Diesel Cetane, Check Fuel, High

Version 2.3

Revision Date 2023-05-25

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

Product Name : TrusTec™ Diesel Cetane, Check Fuel, High
 Material : 1104936, 1024267, 1024266, 1024265, 1024264, 1024263

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

Local : See Company Address

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: CHEMWATCH (+612 9186 1132) China: 0532 8388 9090

Mexico CHEMTREC 01-800-681-9531 (24 hours)

South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600

Argentina: +(54)-1159839431

EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Austria: VIZ +43 1 406 43 43 (24 hours/day, 7 days/week)

Belgium: 070 245 245 (24 hours/day, 7 days/week)

Bulgaria: +359 2 9154 233

Croatia: +3851 2348 342 (24 hours/day, 7 days/week)

Cyprus: 1401

Czech Republic: Toxicological Information Center +420 224 919 293, +420 224 915 402

Denmark: Danish Poison Center (Gifflinjen): +45 8212 1212

Estonia: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Finland: 0800 147 111 09 471 977 (24 hours/day)

France: ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (24 hours/day, 7 days/week)

Germany: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Greece: (0030) 2107793777 (24 hours/day, 7 days/week)

Hungary: +36-80-201-199 (24 hours/day, 7 days/week)

Iceland: 543 2222 (24 hours/day, 7 days/week)

Ireland: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Italy: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

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Latvia: State Fire and Rescue Service, phone number: 112; Toxicology and Sepsis Clinic Poisoning and Drug Information Center, Hipokrāta 2, Riga, Latvia, LV-1038, phone number +371 67042473. (24 hours.)

Liechtenstein: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Lithuania: +370 (85) 2362052

Luxembourg: (+352) 8002 5500 (24 hours/day, 7 days/week)

Malta: +356 2395 2000

The Netherlands: NVIC: +31 (0)88 755 8000

Norway: 22 59 13 00 (24 hours/day, 7 days/week)

Poland: BIG +32.14.584545 (phone) or +32.14583516 (telefax)

Portugal: CIAV phone number: +351 800 250 250

Romania: +40213183606

Slovakia: +421 2 5477 4166

Slovenia: Phone number: 112

Spain: National Emergency Telephone Number of Spanish Poison Centre: +34 91 562 04 20 (24 hours/day, 7 days/week)

Sweden: 112 – ask for Poisons Information

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****GHS Classification and labelling according to JIS Z 7252-2019 and JIS Z 7253-2019 (GHS 2015)****Classification**

: Flammable liquids, Category 4
 Acute toxicity, Category 4, Inhalation
 Skin corrosion/irritation, Category 2
 Carcinogenicity, Category 2
 Reproductive toxicity, Category 1B
 Specific target organ toxicity - repeated exposure, Category 2,
 Liver, Blood, thymus
 Aspiration hazard, Category 1
 Short-term (acute) aquatic hazard, Category 2
 Long-term (chronic) aquatic hazard, Category 2

Labeling

Symbol(s) : 

Signal Word : Danger

Hazard Statements : H227: Combustible liquid.
 H304: May be fatal if swallowed and enters airways.
 H315: Causes skin irritation.
 H332: Harmful if inhaled.
 H351: Suspected of causing cancer.
 H360: May damage fertility or the unborn child.
 H373: May cause damage to organs (Liver, Blood, thymus) through prolonged or repeated exposure.

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H411: Toxic to aquatic life with long lasting effects.

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, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260: Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

P264: Wash skin 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/ eye protection/ face protection.

Response:

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P302 + P352: IF ON SKIN: Wash with plenty of water.

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 + P364: Take off contaminated clothing and wash it before reuse.

P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P391: Collect spillage.

Storage:

P403: Store in a well-ventilated place.

P405: Store locked up.

Disposal:

P501: Dispose of contents/ container to an approved waste disposal plant.

SECTION 3: Composition/information on ingredients

Synonyms : Diesel Special Test Fuel
High Cetane Check Fuel Diesel

Molecular formula : Mixture

Chemical name	CAS-No.	Concentration	ENCS/ISHL number
Diesel fuel, no. 2	68476-34-6	100%	(9)-1702
Naphthalene	91-20-3	0 % - 1%	4-311

SECTION 4: First aid measures

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- 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. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

Notes to physician

- Symptoms : No data available.
- Risks : No data available.
- Treatment : No data available.

SECTION 5: Firefighting measures

- Flash point : 70.56°C (159.01°F)
Method: ASTM D 93
- 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 a naked flame or any 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.

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Hazardous decomposition products : Carbon Dioxide. 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 a naked flame or any 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 in a 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**

JP

Components	Basis	Value	Control parameters	Note
Naphthalene	JP OEL ISHL	ACL	10 ppm,	

SDS Number:100000100063

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Xylenes	JP OEL JSOH	OEL-M	50 ppm, 217 mg/m3	
	JP OEL ISHL	ACL	50 ppm,	
Ethylbenzene	JP OEL JSOH	OEL-M	50 ppm, 217 mg/m3	2,
	JP OEL ISHL	ACL	50 ppm, 217 mg/m3	2, 2B,
Toluene	JP OEL JSOH	OEL-M	20 ppm,	
	JP OEL ISHL	ACL	20 ppm,	
Cumene	JP OEL JSOH	OEL-M	50 ppm, 188 mg/m3	1, S,
	JP OEL ISHL	ACL	10 ppm, 50 mg/m3	S, 2B,
Benzene	JP OEL JSOH	REF-Carc	1 ppm,	S, 1,
	JP OEL ISHL	REF-Carc	0.1 ppm,	S, 1,
n-hexane	JP OEL JSOH	OEL-M	40 ppm,	
	JP OEL ISHL	ACL	40 ppm, 140 mg/m3	S,

- 1 Group 1: carcinogenic to humans
 2 Group 2: Substances presumed to cause reproductive toxicity in humans
 2B Group 2B: possibly carcinogenic to humans
 S Skin absorption

Biological exposure indices**JP**

Substance name	CAS-No.	Control parameters	Sampling time	Update
Xylenes	1330-20-7	total (o-, m-, p-)methylhippuric acid: 800 mg/l (Urine)	End of shift at end of workweek	2018-09-20
Toluene	108-88-3	Toluene: 0.6 mg/l (Blood)	Within 2 h prior to end of shift at end of work week	2011-05-18
		Toluene: 0.06 mg/l (Urine)	Within 2 h prior to end of shift at end of work week	2011-05-18
n-hexane	110-54-3	2,5-Hexanedione - after acid hydrolysis: 3 mg/g Creatinine (Urine)	End of shift at weekend	2011-05-18
		2,5-Hexanedione - after acid hydrolysis: 0.3 mg/g Creatinine (Urine)	End of shift at weekend	2011-05-18
		2,5-Hexanedione - after acid hydrolysis: 3 mg/g Creatinine (Urine)	End of shift at weekend	2018-09-20
		2,5-Hexanedione - without acid hydrolysis: 0.3 mg/g Creatinine (Urine)	End of shift at weekend	2018-09-20

Engineering measures

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

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- 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 protective clothing. Flame retardant antistatic protective clothing. Workers should wear antistatic footwear. Footwear protecting against chemicals.
- 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**

- Form : liquid
 Physical state : liquid
 Color : Pale yellow, Brown
 Odor : Mild

Safety data

- Flash point : 70.56°C (159.01°F)
 Method: ASTM D 93
- Lower explosion limit : No data available
- Upper explosion limit : No data available
- Oxidizing properties : No
- Autoignition temperature : No data available
- Thermal decomposition : No data available
- Molecular formula : Mixture
- Molecular weight : Not applicable
- pH : Not applicable
- Pour point : -15°C (5°F)
 Method: ASTM D97
- Boiling point/boiling range : 179-344°C (354-651°F)

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	Method: ASTM D 86
Vapor pressure	: 0.10 hPa Method: ASTM D5191
Relative density	: 0.8308 at 16 °C (61 °F)
Density	: 0.8308 g/cm ³ Method: ASTM D4052
Water solubility	: negligible
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: 2.4 cSt at 40°C (104°F) Method: ASTM D 445
Relative vapor density	: No data available
Evaporation rate	: No data available
Conductivity	: No data available

SECTION 10: Stability and reactivity

Reactivity	: Stable under recommended storage conditions.
Chemical stability	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions	
Hazardous reactions	: Hazardous reactions: Vapors may form explosive mixture with air.
Conditions to avoid	: Heat, flames and sparks.
Materials to avoid	: May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Thermal decomposition	: No data available
Hazardous decomposition products	: Carbon Dioxide Carbon oxides
Other data	: No decomposition if stored and applied as directed.

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SECTION 11: Toxicological information**Acute oral toxicity**

Diesel fuel, no. 2 : LD50: > 5,000 mg/kg
Species: Rat
Sex: male and female
Method: OECD Test Guideline 401

Naphthalene : LD50: 500 mg/kg
Method: Converted acute toxicity point estimate

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Acute inhalation toxicity : Acute toxicity estimate: 4.56 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity

Diesel fuel, no. 2 : LD50 Dermal: > 4,300 mg/kg
Species: Rabbit
Sex: male and female
Test substance: yes

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Skin irritation : May cause skin irritation in susceptible persons.

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Eye irritation : Vapors may cause irritation to the eyes, respiratory system and the skin.

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Sensitization : Did not cause sensitization on laboratory animals.

Repeated dose toxicity

Diesel fuel, no. 2 : Species: Rat, Male and female
Sex: Male and female
Application Route: Dermal
Dose: 0, 30, 125, 500 mg/kg
Exposure time: 13 wks
Number of exposures: daily, 5 days/week
NOEL: 30 mg/kg
Method: OECD Guideline 411
Target Organs: Thymus, Liver, Bone marrow
Information given is based on data obtained from similar substances.

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Species: Rat, Male and female
 Sex: Male and female
 Application Route: inhalation (dust/mist/fume)
 Dose: 0, 0.35, 0.88, 1.71 mg/l
 Exposure time: 13 wks
 Number of exposures: Twice/wk
 NOEL: > 1.71 mg/l
 Method: OECD Guideline 413

Genotoxicity in vitro

Diesel fuel, no. 2 : Test Type: Ames test
 Result: positive

Test Type: Mouse lymphoma assay
 Result: negative

Naphthalene Test Type: Ames test
 Result: negative

Test Type: Sister Chromatid Exchange Assay
 Result: negative

Test Type: Unscheduled DNA synthesis assay
 Result: negative

Genotoxicity in vivo

Diesel fuel, no. 2 : Test Type: Dominant lethal assay
 Species: Mouse
 Dose: 100 or 400 ppm
 Result: negative

Naphthalene Test Type: Mouse micronucleus assay
 Result: negative

Carcinogenicity

Diesel fuel, no. 2 : Species: Mouse
 Sex: male
 Dose: 0, 25 ul
 Exposure time: lifetime
 Number of exposures: 3 times/wk
 Remarks: Moderate dermal carcinogen

Naphthalene Species: Mouse
 Sex: male
 Dose: 10, 30 ppm
 Exposure time: 105 weeks
 Number of exposures: 6 hours/day, 5 days/week
 Test substance: yes
 Print Date: No information available.
 Remarks: No evidence of carcinogenicity

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Species: Mouse
 Sex: female
 Dose: 10, 30 ppm
 Exposure time: 105 weeks
 Number of exposures: 6 hours/day, 5 days/week
 Test substance: yes
 Print Date: No information available.
 Remarks: increased incidence of alveolar/bronchiolar adenomas

Species: Rat
 Sex: male and female
 Dose: 10, 30, 60 ppm
 Exposure time: 105 weeks
 Number of exposures: 6 hours/day, 5 days/week
 Test substance: yes
 Print Date: No information available.
 Remarks: nose respiratory epithelial adenoma, increased incidence of olfactory neuroblastomas

Developmental Toxicity

Diesel fuel, no. 2

: Species: Rat
 Application Route: Inhalation
 Dose: 0, 86.9, 408.8 ppm
 Number of exposures: 6 h/d
 Test period: GD 6-15
 Method: OECD Guideline 414
 NOAEL Teratogenicity: 408.8 ppm
 NOAEL Maternal: 408.8 ppm
 Information given is based on data obtained from similar substances.

Species: Rat
 Application Route: Dermal
 Dose: 30, 125, 500, 1000 mg/kg
 Exposure time: daily
 Test period: GD 0-20
 Method: OECD Guideline 414
 NOAEL Teratogenicity: 125 mg/kg
 Information given is based on data obtained from similar substances.

Naphthalene

Species: Rabbit
 Application Route: oral gavage
 Dose: 40, 200, 400 mg/kg
 Test period: 29 d, GD 6-18
 NOAEL Teratogenicity: 400 mg/kg

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

CMR effects

Diesel fuel, no. 2 : Carcinogenicity: Limited evidence of carcinogenicity in animal studies
 Teratogenicity: Animal testing did not show any effects on fetal development.

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Naphthalene

Carcinogenicity: Limited evidence of carcinogenicity in animal studies

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: Solvents may degrease the skin.

SECTION 12: Ecological information**Toxicity to fish**

Diesel fuel, no. 2

: LL50: 21 mg/l
Exposure time: 96 h
Species: Oncorhynchus mykiss (rainbow trout)
semi-static test Method: OECD Test Guideline 203

Naphthalene

LC50: 3.2 mg/l
Exposure time: 96 h
Species: Pimephales promelas (fathead minnow)**Toxicity to daphnia and other aquatic invertebrates**

Diesel fuel, no. 2

: EC50: 2 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 202

Naphthalene

LC50: 2.16 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)**Toxicity to algae**

Diesel fuel, no. 2

: ErL50: 22 mg/l
Exposure time: 72 h
Species: Raphidocellus subcapitata (algae)
static test Analytical monitoring: no
Method: OECD Test Guideline 201

Naphthalene

EC50: 2.96 mg/l
Exposure time: 48 h
Species: Selenastrum capricornutum (algae)**Biodegradability**

Diesel fuel, no. 2

: aerobic
Result: Not readily biodegradable.
57.5 %
Testing period: 28 d
Method: OECD Test Guideline 301F**Bioaccumulation**

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Diesel fuel, no. 2	: Accumulation in aquatic organisms is expected.
Mobility	
Diesel fuel, no. 2	: No data available
Results of PBT assessment Diesel fuel, no. 2	: Non-classified PBT substance, Non-classified vPvB substance
Additional ecological information Ecotoxicology Assessment	: Toxic to aquatic life with long lasting effects.
Short-term (acute) aquatic hazard	: Toxic to aquatic life.
Long-term (chronic) aquatic hazard	: 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, COMBUSTIBLE LIQUID, III

IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (DIESEL FUEL), 9, III, (70.56 °C c.c.), MARINE POLLUTANT, (DIESEL FUEL)

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IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (DIESEL FUEL), 9, 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))

30, 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)

Maritime transport in bulk according to IMO instruments**SECTION 15: Regulatory information****National legislation****Poisonous and Deleterious Substances Control Law**

: Not applicable

Industrial Safety and Health LawSubstances Subject to be : naphthalene(408)
Notified Names Article 57-2
(Enforcement Order Table 9) : xylenes(136)Enforcement Order of the :
Industrial Safety and Health
Law - Attached table 1
(Dangerous Substances)Harmful Substances Required : Not applicable
Permission for Manufacture
Hazardous Substances : xylenes (136)
Subject to Labeling
Requirements Article 57
(Enforcement Order Article
18)Ordinance on Prevention of : Not applicable
Organic Solvent Poisoning
Ordinance on Prevention of : Not applicable
Lead Poisoning

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Harmful Substances : Not applicable
 Prohibited from Manufacture
 Ordinance on Prevention of Hazards Due to Specified Chemical Substances : Not applicable
 Ordinance on Prevention of Tetraalkyl Lead Poisoning : Not applicable
 : Not applicable

Substances Prevented From Impairment of Health : Not applicable
 Listed

Chemical Substance Control Law

Priority Assessment Chemical Substance : naphthalene(76)
 xylenes(125)
 ethylbenzene(50)
 toluene(46)
 cumene(126)
 Benzene(45)
 n-hexane(3)

Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof

: Not applicable

Other regulations

Fire Service Law : Flammable liquids
 Type 3 petroleums
 Hazardous rank III

High Pressure Gas Safety Act : Not applicable

Explosive Control Law : Not applicable

Vessel Safety Law : Miscellaneous dangerous substances and articles (Article 2 and 3 of rules on shipping and storage of dangerous goods and its Attached Table 1)

Aviation Law : Miscellaneous dangerous substances and articles (Article 194 of The Enforcement Rules of Aviation Law and its Attached Table 1)

Notification status

Europe REACH : This product is in full compliance according to REACH regulation 1907/2006/EC.
 Switzerland CH INV : On the inventory, or in compliance with the inventory
 United States of America (USA) : On or in compliance with the active portion of the TSCA inventory
 TSCA
 Canada DSL : All components of this product are on the Canadian

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	DSL	
Australia AIIC	:	On the inventory, or 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	:	All substances in this product were registered, notified to be registered, or exempted from registration by CPChem through an Only Representative according to K-REACH regulations. Importation of this product is permitted if the Korean Importer of Record was included on CPChem's notifications or if the Importer of Record themselves notified the substances.
Philippines PICCS	:	On the inventory, or in compliance with the inventory
Taiwan TCSI	:	On the inventory, or in compliance with the inventory
China IECSC	:	On the inventory, or in compliance with the inventory

SECTION 16: Other information**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%
AIIC	Australian Inventory of Industrial Chemicals	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
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

TrusTec™ Diesel Cetane, Check Fuel, High

Version 2.3

Revision Date 2023-05-25

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%	ATE	Acute toxicity estimate