

TrusTec[™] Diesel Cetane, Check Fuel, High

Version 3.3

Revision Date 2023-05-25

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

Product information	
Product Name Material	 TrusTec[™] Diesel Cetane, Check Fuel, High 1104936, 1024267, 1024266, 1024265, 1024264, 1024263
Company	 Chevron Phillips Chemical Company LP Specialty Chemicals 10001 Six Pines Drive The Woodlands, TX 77380
Emergency telephone:	
Mexico CHEMTREC 01-4 South America SOS-Cote Argentina: +(54)-115983 EUROPE: BIG +32.14.58 Austria: VIZ +43 1 406 43 Belgium: 070 245 245 (2) Bulgaria: +359 2 9154 23 Croatia: +3851 2348 342 Cyprus: 1401 Czech Republic: Toxicolo Denmark: Danish Poison Estonia: BIG +32.14.584 Finland: 0800 147 111 0 France: ORFILA number Germany: BIG +32.14.588 Greece: (0030) 2107793 Hungary: +36-80-201-19 Iceland: 543 2222 (24 ho	ional) 00 or 703.527.3887(int'l) 12 9186 1132) China: 0532 8388 9090 300-681-9531 (24 hours) ec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600 9431 34545 (phone) or +32.14583516 (telefax) 3 43 (24 hours/day, 7 days/week) 4 hours/day, 7 days/week) 4 hours/day, 7 days/week) 33 (24 hours/day, 7 days/week) bgical Information Center +420 224 919 293, +420 224 915 402 Center (Giftlinjen): +45 8212 1212 545 (phone) or +32.14583516 (telefax) 9 471 977 (24 hours/day) (INRS): + 33 (0) 1 45 42 59 59 (24 hours/day, 7 days/week) 4545 (phone) or +32.14583516 (telefax) 777 (24 hours/day, 7 days/week) 9 (24 hours/day, 7 days/week)
Latvia: State Fire and Re Poisoning and Drug Info 67042473. (24 hours.)	i45 (phone) or +32.14583516 (telefax) (phone) or +32.14583516 (telefax) scue Service, phone number: 112; Toxicology and Sepsis Clinic rmation Center, Hipokrāta 2, Riga, Latvia, LV-1038, phone number +37 4.584545 (phone) or +32.14583516 (telefax)

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Malta: +356 2395 2000 The Netherlands: NVIC: + Norway: 22 59 13 00 (24 f Poland: BIG +32.14.58454 Portugal: CIAV phone nun Romania: +40213183606 Slovakia: +421 2 5477 416 Slovenia: Phone number:	2 5500 (24 hours/day, 7 days/week) 31 (0)88 755 8000 hours/day, 7 days/week) 45 (phone) or +32.14583516 (telefax) nber: +351 800 250 250 66 112 cy Telephone Number of Spanish Poison Centre: +34 91 562 04 20 (24
Responsible Department E-mail address Website SECTION 2: Hazards identificati	 Product Safety and Toxicology Group SDS@CPChem.com www.CPChem.com
SECTION 2: Hazards identificati	ion
	 ince or mixture fied in accordance with the hazard communication standard 29 CFR els contain all the information as required by the standard. Flammable liquids, Category 4 Acute toxicity, Category 4, Inhalation Skin irritation, Category 2 Carcinogenicity, Category 2 Specific target organ toxicity - repeated exposure, Category 2, Liver, Blood, thymus Aspiration hazard, Category 1
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. H373: May cause damage to organs (Liver, Blood, thymus) through prolonged or repeated exposure.
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. P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

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	 P264 Wash skin thoroughly after handling. 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. P302 + P352 IF ON SKIN: Wash with plenty of soap and 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 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 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. Dispose of contents/ container to an approved waste disposal plant.
Potential Health Effects	
Symptoms of Overexposure	: No data available
Carcinogenicity:	
IARC	Group 2B: Possibly carcinogenic to humans Naphthalene 91-20-3
NTP	Reasonably anticipated to be a human carcinogen Naphthalene 91-20-3
SECTION 3: Composition/infor	mation on ingredients
Synonyms	: Diesel Special Test Fuel High Cetane Check Fuel Diesel
Molecular formula	: Mixture
Component	CAS-No. Weight %
Diesel fuel, no. 2	68476-34-6 100
Naphthalene	91-20-3 0 - 1
SECTION 4: First aid measures	
General advice	: Move out of dangerous area. Show this material safety data
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		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.
lotes to physician		
Symptoms	:	No data available.
Risks	:	No data available.
Treatment	:	No data available.
TION 5: Firefighting measu	res	
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	: Carbo	on Dioxide. Carbo	n oxides.	
CTION 6: Accidental release	emeasures	3		
Personal precautions	ventil	•	sources of ignition Beware of vapor	. Evacuate
Environmental precautions	or spi		so. If the product of	vent further leakage contaminates rivers orities.
Methods for cleaning up	absor vermi	ain spillage, and th bent material, (e.g culite) and place ir / national regulatio	. sand, earth, diaton container for disp	omaceous earth, oosal according to
CTION 7: Handling and store	age			
Handling				
Advice on safe handling	expos conta sectic in the static exhau be un	sure - obtain specia ct with skin and ey on 8. Smoking, ea application area. discharges. Provi ust in work rooms.	al instructions befo es. For personal p ing and drinking sl Take precautionar de sufficient air ex Open drum carefu bose of rinse water	protection see hould be prohibited ry measures against
Advice on protection against fire and explosion	Take (whic	ot spray on a naked necessary action t h might cause ignit open flames, hot s	o avoid static election of organic vap	ors). Keep away
Storage				
Requirements for storage areas and containers	which to pre instal	noking. Keep in a are opened must event leakage. Ob- lations / working m ological safety stat	be carefully reseal serve label precau aterials must com	led and kept upright tions. Electrical
CTION 8: Exposure controls	/personal	protection		
Ingredients with workplac	e control p	arameters		
mponents	Basis	Value	Control parame	eters Note
esel fuel, no. 2	ACGIH	TWA	100 mg/m3	A3, Skin, Inhalable
phthalene	ACGIH	TWA	10 ppm,	fraction and vapor A3, Skin,
,				

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		ACGIH	STEL	15 ppm,	hematologic eff, URT irr, eye irr, eye dam, (), A4, Skin,
		OSHA Z-1	TWA	10 ppm, 50 mg/m3	
		OSHA Z-1-A	TWA	10 ppm, 50 mg/m3	
		OSHA Z-1-A	STEL	15 ppm, 75 mg/m3	
A3 A4 eye dam eye irr nematologic eff Skin URT irr	Hematologic effects Danger of cutaneous abso	n carcinogen rption	evance to humans		

Substance name	CAS-No.	Control parameters	Update
Naphthalene	91-20-3	Immediately Dangerous to Life or Health Concentration Value 250 parts per million	1995-03-01

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 :	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.
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.
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Hygiene measures	: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
FION 9: Physical and chem	ical properties
Information on basic physi	cal and chemical properties
Appearance	
Form Physical state Color Odor	: liquid : liquid : Pale yellow, Brown : Mild
Safety data	
Flash point	: 70.56°C (159.01°F) Method: ASTM D 93
Lower explosion limit	: No data available
Jpper 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
рН	: Not applicable
Pour point	: -15°C (5°F) Method: ASTM D97
Boiling point/boiling range	: 179-344°C (354-651°F) 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/cm3 Method: ASTM D4052
Nater solubility	: negligible
Partition coefficient: n- octanol/water	: No data available
Viscosity, kinematic	: 2.4 cSt at 40°C (104°F) Method: ASTM D 445
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Relative vapor density	: No data available
Evaporation rate	: No data available
Conductivity	: No data available
CTION 10: Stability and reactive	vity
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 rea	ctions
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.
CTION 11: Toxicological infor	mation
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
TrusTec™ Diesel Cetane, Ch Acute inhalation toxicity	neck Fuel, High : Acute toxicity estimate: 4.56 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method
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SAFETY DATA SHEET TrusTec™ Diesel Cetane, Check Fuel, High Version 3.3 Revision Date 2023-05-25 Acute toxicity estimate: 4.56 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method TrusTec[™] Diesel Cetane, Check Fuel, High : Acute toxicity estimate: 2,778 mg/kg Acute dermal toxicity Method: Calculation method TrusTec[™] Diesel Cetane, Check Fuel, High Skin irritation : May cause skin irritation in susceptible persons. TrusTec[™] Diesel Cetane, Check Fuel, High Eye irritation : Vapors may cause irritation to the eyes, respiratory system and the skin. TrusTec[™] Diesel Cetane, Check Fuel, High 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. 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 Test Type: Ames test Naphthalene **Result:** negative SDS Number:100000100063 9/17

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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 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: lifetime Number of exposures: 6 hours/day, 5 days/week Test substance: yes Print Date: No information available. Remarks: Movedence of carcinogenicity Species: Mouse Sex: Emale 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: incereased 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: incereased 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: incereasitory epithelial adenoma, increased incidence of offactory neuroblastomas Developmental Toxicity Directive Print Date: No information available. Disevil fuel un 0.2 Species: Rat	sion 3.3	Revision Date 2023-05
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 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 Species: Rouse Sex: finale 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 Species: Rat Sex: finale 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: 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		
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 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 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 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 6 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		
Species: Mouse Dose: 100 or 400 ppm Result: negative Naphthalene 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 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: 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: 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: increased incidence of alveolar/bronchiolar adenomas	Genotoxicity in vivo	
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 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: 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: increased incidence of alveolar/bronchiolar adenomas Species: Rat Sex: male and female Dose: 10, 30, 60 ppm Exposure time: 105 weeks Number of exposures: Nours/day, 5 days/week Test substance: yes Print Date: No information available. Remarks: nose respiratory epithelial adenoma, increased incidence of olfactory neuroblastomas Evelopmental Toxicity Evelopmental Toxicity	Diesel fuel, no. 2	Species: Mouse Dose: 100 or 400 ppm
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: 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: 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: increased incidence of alveolar/bronchiolar adenomas	Naphthalene	
Sex: male Dose: 0, 25 ul Exposure time: lifetime Number of exposures: 3 times/wk Remarks: Moderate dermal carcinogenNaphthaleneSpecies: 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: increased incidence of alveolar/bronchiolar adenomasSpecies: Rat Sex: male and female Dose: 10, 30, 60 ppmSpecies: Rat Sex: male and female Dose: 10, 30, 60 ppmSpecies: Rat Sex: male and female Dose: 10, 50, 60 ppmSpecies: No information available. Remarks: increased incidence of alveolar/bronchiolar adenomasSpecies: Rat Sex: male and female Dose: 10, 30, 60 ppmSpecies: Number of exposures: 6 hours/day, 5 days/week Test substance: yes Print Date: No information available. Remarks: increased incidence of alveolar/bronchiolar adenomasSpecies: 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: increased incidence of alveolar/bronchiolar adenomasSpecies: 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 neuroblastomasEvelopmental Toxicity	Carcinogenicity	
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 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: increased incidence of alveolar/bronchiolar adenomas	Diesel fuel, no. 2	Sex: male Dose: 0, 25 ul Exposure time: lifetime Number of exposures: 3 times/wk
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	Naphthalene	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.
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		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
		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
Diesel fuel no 2 · Species: Rat	Developmental Toxicity	
Application Route: Inhalation	Diesel fuel, no. 2	: Species: Rat Application Route: Inhalation

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	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
TrusTec™ Diesel Cetan Aspiration toxicity	e, Check Fuel, High : 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.
Naphthalene	Carcinogenicity: Limited evidence of carcinogenicity in animal studies
TrusTec™ Diesel Cetan Further information TION 12: Ecological info	: Solvents may degrease the skin.
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)

SAFETY	DATA	SHEFT
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TrusTec[™] Diesel Cetane, Check Fuel, High Version 3.3 Revision Date 2023-05-25 Diesel fuel, no. 2 : EC50: 2 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) Method: OECD Test Guideline 202 LC50: 2.16 mg/l Naphthalene 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 EC50: 2.96 mg/l Naphthalene 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 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 : Toxic to aquatic life with long lasting effects. information Ecotoxicology Assessment

hazard Long-term (chronic) aquatic : Toxic to aquatic life with long lasting effects. hazard **SECTION 13: Disposal considerations**

: Toxic to aquatic life.

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

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Short-term (acute) aquatic

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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)

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)

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TION 15: Regulatory infor	mation
National legislation	
SARA 311/312 Hazards	 Flammable (gases, aerosols, liquids, or solids) Acute toxicity (any route of exposure) Carcinogenicity Specific target organ toxicity (single or repeated exposure) Aspiration hazard Skin corrosion or irritation
CERCLA Reportable Quantity	: 10000 lbs Naphthalene
SARA 302 Reportable Quantity	: This material does not contain any components with a SARA 302 RQ.
SARA 302 Threshold Planning Quantity	: This material does not contain any components with a section 302 EHS TPQ.
SARA 304 Reportable Quantity	: This material does not contain any components with a section 304 EHS RQ.
SARA 313 Components	: The following components are subject to reporting levels established by SARA Title III, Section 313:
	: Naphthalene - 91-20-3
Clean Air Act	
Potential Class	product neither contains, nor was manufactured with a Class I or s II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR Subpt. A, App.A + B).
This product does not conta Act Section 112 (40 CFR 6	
	: Naphthalene - 91-20-3
	ain any chemicals listed under the U.S. Clean Air Act Section 112(r) for tion (40 CFR 68.130, Subpart F).
This product does not conta Intermediate or Final VOC's	ain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM (40 CFR 60.489).
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Pennsylvania Right To Kn	ow : Diesel fuel, no. 2 - 68476-3 Naphthalene - 91-20-3 Xylenes - 1330-20-7 Ethylbenzene - 100-41-4 Toluene - 108-88-3	4-6
California Prop. 65 Components		
	Naphthalene Benzene	91-20-3 71-43-2
	harm. Toluene	birth defects or other reproductive 108-88-3
	Benzene	71-43-2
Notification status Europe REACH Switzerland CH INV United States of America (TSCA Canada DSL Australia AIIC New Zealand NZIoC Japan ENCS Korea KECI	 This product is in f regulation 1907/20 On the inventory, of On or in compliant TSCA inventory All components of DSL On the inventory, of Not in compliance On the inventory, of All substances in t to be registered, of CPChem through K-REACH regulati permitted if the Ko included on CPCh 	ull compliance according to REACI 006/EC. or in compliance with the inventory se with the active portion of the this product are on the Canadian or in compliance with the inventory

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SECTION 16: Other information

	-	
NFPA Classification	: Health Hazard: 2 Fire Hazard: 2 Reactivity Hazard: 0	2 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.

ACGIH	American Conference of	LD50	Lethal Dose 50%
	Government Industrial Hygienists		
AIIC	Australian Inventory of Industrial Chemicals	LOAEL	Lowest Observed Adverse Effe
DSL	Canada, Domestic Substances	NFPA	National Fire Protection Agence
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupatio 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 Concentra
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 Substan
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recov
>=	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	TSCA	Toxic Substance Control Act

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	New Chemical Substances		
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

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