



Diesel Cetane Booster Fuel Supplement - VP Cetanium®

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)
Revision date: 10-08-2025 Supersedes: 01-02-2025 Version: 3.0

SECTION 1 Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : Diesel Cetane Booster Fuel Supplement - VP Cetanium®

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Diesel fuel additive
Restrictions on use : No additional information available

1.4. Supplier's details

Supplier

VP Racing Fuels, Inc.
7124 Richter Road
Elmendorf, TX 78112
USA
T +1 210-635-7744

1.5. Emergency phone number

Emergency number : CHEMTREC
USA Toll Free: +1-800-424-9300; International: +1-703-527-3887
Canada Local: +1 703-741-5970

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Flammable liquids, Category 4	H227	Combustible liquid.
Acute toxicity (oral), Category 4	H302	Harmful if swallowed.
Acute toxicity (dermal), Category 4	H312	Harmful in contact with skin.
Acute toxicity (inhalation:vapor), Category 4	H332	Harmful if inhaled.
Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Carcinogenicity, Category 2	H351	Suspected of causing cancer.
Reproductive toxicity, Category 2	H361	Suspected of damaging fertility or the unborn child.
Specific target organ toxicity, Single exposure, Category 1	H370	Causes damage to organs.
Specific target organ toxicity, Repeated exposure, Category 2	H373	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard, Category 1	H304	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment, Acute Hazard, Category 2	H401	Toxic to aquatic life.
Hazardous to the aquatic environment, Chronic Hazard, Category 2	H411	Toxic to aquatic life with long lasting effects.

Full text of H statements : see section 16

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2.2. GHS label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA)



Signal word (GHS CA)

: Danger

Hazard statements (GHS CA)

: H227 - Combustible liquid
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H351 - Suspected of causing cancer.
H361 - Suspected of damaging fertility or the unborn child
H370 - Causes damage to organs.
H373 - May cause damage to organs through prolonged or repeated exposure.
H401 - Toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS CA)

: 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 vapors.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.
P301+P312 - IF SWALLOWED: Call a POISON CENTER, a doctor if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P311 - IF exposed or concerned: Call a POISON CENTER, a doctor.
P308+P313 - IF exposed or concerned: Get medical advice or attention.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P330 - Rinse mouth.
P331 - Do NOT induce vomiting.
P332+P313 - If skin irritation occurs: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use carbon dioxide (CO₂), extinguishing powder, alcohol resistant foam to extinguish.
P391 - Collect spillage.
P403 - Store in a well-ventilated place.
P405 - Store locked up.
P501 - Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
2-ethylhexyl nitrate	-	CAS-No.: 27247-96-7	45 - 70	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Aquatic Chronic 2, H411
Fuels, diesel, No 2	-	CAS-No.: 68476-34-6	15 - 40	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Solvent naphtha (petroleum), heavy arom.	Solvent naphtha (petroleum), heavy arom.; Kerosine — unspecified; [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 165 oC to 290 oC (330 oF to 554 oF).]	CAS-No.: 64742-94-5	3 - 7	Flam. Liq. 4, H227 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Fuels, diesel, C9-18-alkane branched and linear	-	CAS-No.: 1159170-26-9	0.1 - 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 2, H351 STOT SE 1, H370 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Naphthalene	naphthalene	CAS-No.: 91-20-3	0.1 - 1	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Toluene	toluene	CAS-No.: 108-88-3	0.1 - 1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Repr. 2, H361 STOT SE 3, H336 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
n-hexane	n-hexane	CAS-No.: 110-54-3	0.1 - 1	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT RE 2, H373 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411 Repr. 2, H361

Full text of hazard classes and H-statements : see section 16

Comments : The exact percentage (concentration) in the composition has been withheld as a trade secret in accordance with the amended HPR as of December 2022

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Give oxygen or artificial respiration if necessary.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. When in doubt or if symptoms are observed, get medical advice.
First-aid measures after ingestion	: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting/risk of damage to lungs exceeds poisoning risk. Never give anything by mouth to an unconscious person. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
First-aid measures general	: If medical advice is needed, have product container or label at hand.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: Causes damage to organs.
Symptoms/effects after inhalation	: Harmful if inhaled. May cause shortness of breath, tightness of the chest, a sore throat and cough. In high concentrations vapors cause anesthetic and narcotic effect.
Symptoms/effects after skin contact	: Harmful in contact with skin. Causes skin irritation. Redness. Itching. Swelling. Repeated dermal contact with material can lead to defatting of the skin. drying.

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Symptoms/effects after eye contact	: Direct contact with the eyes is likely slightly irritating. Redness. Itching. Lacrimation. Blurred vision.
Symptoms/effects after ingestion	: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard. Ingestion may cause nausea, vomiting and diarrhea. Abdominal pain. Aspiration of the product into the lungs may cause very serious pneumonia.
Chronic symptoms	: Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically. Symptoms may be delayed. Keep under medical supervision for at least 48 hours.
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SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	: Water spray. Alcohol-resistant foam. Carbon dioxide (CO ₂). Dry chemical. Use extinguishing agent suitable for surrounding fire.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: Combustible liquid. Burning produces stinking and toxic fumes. In case of fire and/or explosion do not breathe fumes.
Explosion hazard	: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Nitrogen oxides.

5.3. Special protective actions for fire-fighters

Firefighting instructions	: Evacuate the danger area. Move containers from fire area if it can be done without personal risk. Fight fire from safe distance and protected location. Use water spray or fog for cooling exposed containers. Use extinguishing media appropriate for surrounding fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus. Complete protective clothing.
Precautionary measures fire	: Eliminate all ignition sources if safe to do so.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid contact with skin and eyes. Remove ignition sources. Use special care to avoid static electric charges.
Environmental precautions	: Avoid release to the environment. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment	: Stop leak if safe to do so. Collect spillage. Do not touch or walk on the spilled product.
Methods for cleaning up	: Caution : this product can cause the floor to be slippery. Move containers from spill area. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. Do not absorb with saw-dust or any other combustible absorbent material. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

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- Methods for cleaning up : Clean contaminated surfaces with an excess of water. Prevent entry to sewers and public waters. Never return unused material to original container.
- Other information : Dispose of via an authorised person/ licensed waste disposal contractor or by other suitable waste treatment techniques.

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Provide good ventilation in process area to prevent formation of vapor. Provide local exhaust or general room ventilation. Avoid breathing vapors. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid release to the environment. Keep only in original container. Empty containers retain product residue and can be hazardous. Do not re-use container for any purpose. Eliminate all ignition sources if safe to do so. Take precautionary measures against static discharge. Ground and bond container and receiving equipment. Use approved electrical and mechanical equipment in accordance with respective zone.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in dry, cool, well-ventilated area. Keep away from food, drink and animal feed. Keep away from ignition sources. Do not store near heat sources or expose to high temperatures. Store in original container. Keep container closed when not in use. Containers which are opened should be properly resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Store in accordance with local, regional, national or international regulation. Proper grounding procedures to avoid static electricity should be followed.
- Incompatible products : Strong oxidizing agents.
- Incompatible materials : Direct sunlight. Heat sources. Ignition sources.
- Storage area : Store in dry, cool, well-ventilated area.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Naphthalene (91-20-3)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA	52 mg/m³
	10 ppm
OEL STEL	79 mg/m³
	15 ppm
Notations and remarks	Substance may be readily absorbed through intact skin.
Regulatory reference	Alberta Regulation 191/2021

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Naphthalene (91-20-3)	
Canada (Quebec) - Occupational Exposure Limits	
Local name	Naphthalene
VEMP (OEL TWAEV)	10 ppm
Notations and remarks	C3, Pc
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA	10 ppm
Notations and remarks	Skin (the substance that contribute significantly to the overall exposure by the skin route); IARC group 2B carcinogen
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA	52 mg/m ³ 10 ppm
Notations and remarks	TLV® Basis: URT irr; Cataracts; Hemolytic anemia. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA	10 ppm
Notations and remarks	Hematologic eff; URT & eye irr; Skin; A3
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA	52 mg/m ³ 10 ppm
Notations and remarks	TLV® Basis: URT irr; Cataracts; Hemolytic anemia. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA	52 mg/m ³ 10 ppm
Notations and remarks	TLV® Basis: URT irr; Cataracts; Hemolytic anemia. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Naphthalene

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Naphthalene (91-20-3)	
OEL TWA	10 ppm
OEL STEL	15 ppm
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA	10 ppm
OEL STEL	15 ppm
Notations and remarks	Skin
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWAEV	10 ppm
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA	52 mg/m ³ 10 ppm
Notations and remarks	TLV® Basis: URT irr; Cataracts; Hemolytic anemia. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA	10 ppm
OEL STEL	15 ppm
Notations and remarks	Skin
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
Toluene (108-88-3)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Toluene (Toluol)
OEL TWA	188 mg/m ³ 50 ppm
Notations and remarks	Substance may be readily absorbed through intact skin.
Regulatory reference	Alberta Regulation 191/2021

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Toluene (108-88-3)	
Canada (Quebec) - Occupational Exposure Limits	
Local name	Toluene
VEMP (OEL TWA EV)	20 ppm
Notations and remarks	OTO
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA	20 ppm
Notations and remarks	R (the substance has an adverse reproductive effect)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA	20 ppm
Notations and remarks	TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss. Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA	20 ppm
Notations and remarks	TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss. Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA	20 ppm
Notations and remarks	TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss. Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Toluene (toluol)
OEL TWA	50 ppm
OEL STEL	60 ppm
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Toluene (toluol)
OEL TWA	50 ppm
OEL STEL	60 ppm

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Toluene (108-88-3)	
Notations and remarks	Skin
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Toluene
OEL TWAEV	20 ppm
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA	20 ppm
Notations and remarks	TLV® Basis: CNS, Hearing & Visual impair; Female repro system eff; Pregnancy loss. Notations: OTO (Ototoxicant); A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Toluene (toluol)
OEL TWA	50 ppm
OEL STEL	60 ppm
Notations and remarks	Skin
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
Fuels, diesel, No 2 (68476-34-6)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Diesel fuel, as total hydrocarbons
OEL TWA	100 mg/m³
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Diesel (fuel), (as total hydrocarbons)
VEMP (OEL TWAEV)	100 mg/m³ IFV
Notations and remarks	C3, Pc
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Diesel fuel, as total hydrocarbons
OEL TWA	100 mg/m³ Inhalable. (V) - vapour and inhalable aerosol
Notations and remarks	Skin (the substance that contribute significantly to the overall exposure by the skin route); Diesel fuel, marine, is an IARC group 2B carcinogen
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Diesel No. 2, as total hydrocarbons
OEL TWA	100 mg/m³ (IFV - Inhalable fraction and vapor)

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Fuels, diesel, No 2 (68476-34-6)	
Notations and remarks	TLV® Basis: CNS Impair; Liver dam. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Diesel fuel as total
OEL TWA	100 mg/m³
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Diesel No. 2, as total hydrocarbons
OEL TWA	100 mg/m³ (IFV - Inhalable fraction and vapor)
Notations and remarks	TLV® Basis: CNS Impair; Liver dam. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Diesel No. 2, as total hydrocarbons
OEL TWA	100 mg/m³ (IFV - Inhalable fraction and vapor)
Notations and remarks	TLV® Basis: CNS Impair; Liver dam. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Diesel fuel as total hydrocarbons
OEL TWA	100 mg/m³ (vapour)
OEL STEL	150 mg/m³ (vapour)
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Diesel fuel as total hydrocarbons
OEL TWA	100 mg/m³ (vapour)
OEL STEL	150 mg/m³ (vapour)
Notations and remarks	Skin
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Diesel fuel, as total hydrocarbons
OEL TWAEV	100 mg/m³ (IFV - Inhalable fraction and vapour)
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Diesel No. 2, as total hydrocarbons

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Fuels, diesel, No 2 (68476-34-6)	
OEL TWA	100 mg/m ³ (IFV - Inhalable fraction and vapor)
Notations and remarks	TLV® Basis: CNS Impair; Liver dam. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Diesel fuel as total hydrocarbons, (vapour)
OEL TWA	100 mg/m ³
OEL STEL	150 mg/m ³
Notations and remarks	Skin
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
n-hexane (110-54-3)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA	176 mg/m ³
	50 ppm
Notations and remarks	Substance may be readily absorbed through intact skin.
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	n-Hexane
VEMP (OEL TWA _{EV})	176 mg/m ³
	50 ppm
Notations and remarks	Pc
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA	20 ppm
Notations and remarks	Skin (the substance that contribute significantly to the overall exposure by the skin route)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA	176 mg/m ³
	50 ppm
Notations and remarks	TLV® Basis: CNS impair; Peripheral neuropathy; Eye & URT irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2025
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA	176 mg/m ³

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n-hexane (110-54-3)	
	50 ppm
Notations and remarks	TLV® Basis: CNS impair; Peripheral neuropathy; Eye & URT irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA	176 mg/m³
	50 ppm
Notations and remarks	TLV® Basis: CNS impair; Peripheral neuropathy; Eye & URT irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Hexane (n-Hexane)
OEL TWA	50 ppm
OEL STEL	62.5 ppm
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Hexane (n-Hexane)
OEL TWA	50 ppm
OEL STEL	62.5 ppm
Notations and remarks	Skin
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWAEV	50 ppm
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA	176 mg/m³
	50 ppm
Notations and remarks	TLV® Basis: CNS impair; Peripheral neuropathy; Eye & URT irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Hexane (n-Hexane)
OEL TWA	50 ppm
OEL STEL	62.5 ppm

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n-hexane (110-54-3)	
Notations and remarks	Skin
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

8.2. Appropriate engineering controls

Appropriate engineering controls	: Avoid all unnecessary exposure. Handle in accordance with good industrial hygiene and safety procedures. Provide local exhaust or general room ventilation. Ensure exposure is below occupational exposure limits (where available). Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Environmental exposure controls	: Avoid release to the environment. Prevent entry to sewers and public waters. Technical onsite conditions and measures to reduce or limit discharges, air emissions and releases to soil.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment:

Wear recommended personal protective equipment. Personal protective equipment should be chosen according to the NIOSH standards and in discussion with the supplier of the protective equipment.

Hand protection:

Wear suitable gloves resistant to chemical penetration. Recommended materials: Viton. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use

Eye protection:

Even though no specific eye irritation data are available, wear eye protection appropriate to conditions of use when handling this material. Chemical goggles or safety glasses

Skin and body protection:

Skin protection appropriate to the conditions of use should be provided

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits. Recommended: Combined filter ABEK or AXBEK

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Color	: According to product specification
Odor	: Aromatic Hydrocarbon-like
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 160 °C (320 °F)
Flash point	: 62.7 °C (145 °F, closed cup)
Auto-ignition temperature	: No data available

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Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: > 1 (air=1)
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 0.916 g/cm³
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: < 20.5 mm²/s (40 °C, 104 °F)
Explosion limits	: Lower explosion limit: 4 vol % Upper explosion limit: 8 vol %
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

Reactivity	: Combustible liquid. Heating may cause a fire or explosion.
Chemical stability	: Stable under normal conditions of use.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use. Hazardous polymerization: Will not occur.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7). Protect from sunlight. Overheating. Heat and ignition sources.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Harmful in contact with skin.
Acute toxicity (inhalation)	: Inhalation:vapor: Harmful if inhaled.

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ATE CA (oral)	787.216 mg/kg body weight
ATE CA (Dermal)	1774.194 mg/kg body weight
ATE CA (vapors)	11.918 mg/l/4h
Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
LD50 oral rat	> 5000 mg/kg (OECD 401)
LD50 oral	3690 mg/kg
LD50 dermal	4100 mg/kg
LC50 Inhalation - Rat	4778 mg/l/4h (OECD 403)
Naphthalene (91-20-3)	
LD50 oral rat	490 mg/kg
LD50 dermal rat	5000 mg/kg
LC50 Inhalation - Rat	> 340 mg/m³ (1 h)

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Naphthalene (91-20-3)	
ATE CA (oral)	500 mg/kg body weight
2-ethylhexyl nitrate (27247-96-7)	
LD50 oral rat	> 9640 mg/kg
LD50 dermal rabbit	> 4820 mg/kg
LC50 Inhalation - Rat (Vapors)	> 4.6 mg/l/4h
ATE CA (oral)	500 mg/kg body weight
ATE CA (Dermal)	1100 mg/kg body weight
ATE CA (Gases)	4500 ppmV/4h
ATE CA (vapors)	11 mg/l/4h
ATE CA (dust,mist)	1.5 mg/l/4h
Toluene (108-88-3)	
LD50 oral rat	2600 mg/kg
LD50 dermal rabbit	14.1 ml/kg
LC50 Inhalation - Rat	8000 mg/l/4h
Fuels, diesel, No 2 (68476-34-6)	
LC50 Inhalation - Rat (Vapors)	> 4.1 mg/l/4h
ATE CA (Gases)	4500 ppmV/4h
ATE CA (vapors)	11 mg/l/4h
ATE CA (dust,mist)	1.5 mg/l/4h
n-hexane (110-54-3)	
LD50 oral rat	15840 mg/kg
LC50 Inhalation - Rat (Vapors)	169.2 mg/l/4h
Fuels, diesel, C9-18-alkane branched and linear (1159170-26-9)	
ATE CA (oral)	500 mg/kg body weight
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Naphthalene (91-20-3)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicity Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
Toluene (108-88-3)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
2-ethylhexyl nitrate (27247-96-7)	
NOAEL (animal/male, F0/P)	20 mg/kg (5 d)

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2-ethylhexyl nitrate (27247-96-7)	
NOAEL (animal/female, F0/P)	20 mg/kg (5 d)
NOAEL (animal/male, F1)	100 mg/kg (5 d)
NOAEL (animal/female, F1)	100 mg/kg (5 d)

STOT-single exposure : Causes damage to organs.
STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard : May be fatal if swallowed and enters airways.

Diesel Cetane Booster Fuel Supplement - VP Cetanium®	
Viscosity, kinematic	< 20.5 mm²/s (40 °C, 104 °F)
Symptoms/effects	: Causes damage to organs.
Symptoms/effects after inhalation	: Harmful if inhaled. May cause shortness of breath, tightness of the chest, a sore throat and cough. In high concentrations vapors cause anesthetic and narcotic effect.
Symptoms/effects after skin contact	: Harmful in contact with skin. Causes skin irritation. Redness. Itching. Swelling. Repeated dermal contact with material can lead to defatting of the skin. drying.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely slightly irritating. Redness. Itching. Lacrimation. Blurred vision.
Symptoms/effects after ingestion	: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard. Ingestion may cause nausea, vomiting and diarrhea. Abdominal pain. Aspiration of the product into the lungs may cause very serious pneumonia.
Chronic symptoms	: Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.
Other information	: No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation.

SECTION 12 Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
LC50 - Fish [1]	3.6 mg/l (96 h, Oncorhynchus mykiss)
EC50 - Crustacea [1]	0.95 mg/l
EC50 72h - Algae [1]	1 – 3 mg/l (72 h)

Naphthalene (91-20-3)	
LC50 - Fish [1]	1.6 mg/l (96 h, Oncorhynchus mykiss)
LC50 - Fish [2]	0.95 – 1.62 mg/l (96 h, Oncorhynchus gorbusha))
EC50 - Crustacea [1]	1.96 mg/l (48 h, Daphnia magna)
EC50 - Crustacea [2]	2.35 mg/l (48 h, Palaemonetes pugio)
NOEC chronic fish	1.5 mg/l (60 d, Oreochromis mossambicus)

2-ethylhexyl nitrate (27247-96-7)	
LC50 - Fish [1]	2 mg/l (96 h, Danio rerio)
EC50 - Crustacea [1]	12.6 mg/l (48 h, Daphnia sp., OECD 202)

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2-ethylhexyl nitrate (27247-96-7)	
EC50 - Other aquatic organisms [1]	1000 mg/l (3 h)
EC50 72h - Algae [1]	2.33 mg/l (72 h)
Toluene (108-88-3)	
LC50 - Fish [1]	6.86 – 9.83 mg/l (96 h, Oncorhynchus gorbuscha)
EC50 - Crustacea [1]	5.46 – 9.83 mg/l (48 h, Daphnia magna)
Fuels, diesel, No 2 (68476-34-6)	
LC50 - Fish [1]	65 mg/l (96 h, Oncorhynchus mykiss)
EC50 - Crustacea [1]	68 mg/l (48 h, Daphnia magna)
n-hexane (110-54-3)	
LC50 - Fish [1]	2.5 mg/l (96 h, Pimephales promelas)
12.2. Persistence and degradability	
Diesel Cetane Booster Fuel Supplement - VP Cetanium®	
Persistence and degradability	Not readily biodegradable.
2-ethylhexyl nitrate (27247-96-7)	
Persistence and degradability	Rapidly degradable
Biodegradation	0 % (28 d)
12.3. Bioaccumulative potential	
Diesel Cetane Booster Fuel Supplement - VP Cetanium®	
Bioaccumulative potential	No data available concerning bioaccumulation.
Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
BCF - Fish [1]	< 100
Naphthalene (91-20-3)	
BCF - Fish [1]	> 100
Partition coefficient n-octanol/water (Log Pow)	3.3
2-ethylhexyl nitrate (27247-96-7)	
BCF - Fish [1]	1332
Partition coefficient n-octanol/water (Log Pow)	5.24
Toluene (108-88-3)	
Partition coefficient n-octanol/water (Log Kow)	2.73 (20 °C)
n-hexane (110-54-3)	
BCF - Fish [1]	501.187
Partition coefficient n-octanol/water (Log Pow)	4

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12.4. Mobility in soil

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Ecology - soil	Floats on water. Adsorbs into the soil.
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2-ethylhexyl nitrate (27247-96-7)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.75
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12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No other effects known.
Fluorinated greenhouse gases	: No

SECTION 13 Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Flammable vapors may accumulate in the container.
Ecological waste information	: Avoid release to the environment.

SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN Number			
UN3082	UN3082	3082	3082
14.2. UN Proper Shipping Name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fuels, diesel, No 2)	Environmentally hazardous substances, liquid, n.o.s. (Fuels, diesel, No 2)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fuels, diesel, No2)	Environmentally hazardous substance, liquid, n.o.s. (Fuels, diesel, No2)
14.3. Transport hazard class(es)			
9	9	9	9
			
14.4. Packing group, if applicable			
III	III	III	III
14.5. Environmental hazards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information available			

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14.6. Special precautions for user

TDG

UN-No. (TDG)

: UN3082

TDG Special Provisions

: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3).

(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:

(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.;

(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.;

(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.;

(d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S. or

(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.

(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:

(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or

(b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS, 99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., may be offered for transport, handled or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means of containment and during transport.

(2) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety.

Explosive Limit and Limited Quantity Index

: 5 L

Excepted quantities (TDG)

: E1

Emergency Response Guide (ERG) Number

: 171

DOT

UN-No. (DOT)

: UN3082

DOT Special Provisions (49 CFR 172.102)

: 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.

173 - An appropriate generic entry may be used for this material.

335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s.,"

UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

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DOT Special Provisions (49 CFR 172.102)	: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 155
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 241
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: No Limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: No Limit
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

IMDG

Special provision (IMDG)	: 274, 335, 375, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG)	: A

IATA

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provision (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

14.7. Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 15 Regulatory information

Solvent naphtha (petroleum), heavy arom. (64742-94-5)

Listed on the Canadian DSL (Domestic Substances List)

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Naphthalene (91-20-3)

Listed on the Canadian DSL (Domestic Substances List)

2-ethylhexyl nitrate (27247-96-7)

Listed on the Canadian DSL (Domestic Substances List)

Toluene (108-88-3)

Listed on the Canadian DSL (Domestic Substances List)

Fuels, diesel, No 2 (68476-34-6)

Listed on the Canadian DSL (Domestic Substances List)

n-hexane (110-54-3)

Listed on the Canadian DSL (Domestic Substances List)

Fuels, diesel, C9-18-alkane branched and linear (1159170-26-9)

Listed on the Canadian NDSL (Non-Domestic Substances List)

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Not listed on the United States TSCA (Toxic Substances Control Act) inventory

Solvent naphtha (petroleum), heavy arom. (64742-94-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Naphthalene (91-20-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

2-ethylhexyl nitrate (27247-96-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Toluene (108-88-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Fuels, diesel, No 2 (68476-34-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

n-hexane (110-54-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

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Fuels, diesel, C9-18-alkane branched and linear (1159170-26-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

SECTION 16 Other Information

Revision date : 10-08-2025

Supersedes : 01-02-2025

Data sources : Supplier's safety documents. ECHA (European Chemicals Agency).

Training advice : Training staff on good practice.

Full text of hazard classes and H-statements:

H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H227	Combustible liquid
H228	Flammable solid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child
H370	Causes damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Abbreviations and acronyms:

ACGIH	American Conference of Government Industrial Hygienists
AIHA	American International Health Alliance
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor

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Abbreviations and acronyms:	
CAS-No.	Chemical Abstract Service number
DOT	Department of Transport
DSL	Canada DSL (Domestic Substances List)
EC50	Median effective concentration
EC-No.	European Community number
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
N.O.S.	Not Otherwise Specified
NDSL	Canada NDSL (Non-Domestic Substances List)
NIOSH	National Institute for Occupational Safety and Health
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
OSHA	Occupational Safety Health Administration
PPE	Personal protection equipment
SDS	Safety Data Sheet

Safety Data Sheet (SDS), Canada

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