



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

STP Ultra 5 in 1 Diesel Fuel System Cleaner-bottle

Version number: 8.0
Replaces version of: 2023-08-23 (7)

Revision: 2025-05-09

1 Identification

1.1 Product identifier

Trade name	STP Ultra 5 in 1 Diesel Fuel System Cleaner-bottle
CAS number	64742-47-8
Alternative number(s)	067788179885, 067788179878, 067788176815

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	General use
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1.3 Details of the supplier of the safety data sheet

Energizer Manufacturing, Inc.
25225 Detroit Rd.
Westlake OH 44145
United States

Telephone: 800-383-7323; 314-985-2000 (USA / CANADA)
e-mail: Autocare.regulatory@energizer.com
Website: <https://data.energizer.com>

Energizer Trading Ltd.
Sword House, Totteridge Road, High Wycombe, HP13 6DG, UK

Telephone: +44(0)8000353376
e-mail: ConsumerServiceEU@energizer.com

1.4 Emergency telephone number

Emergency information service	FOR EMERGENCY in USA & Canada CALL +1 800 255-3924 / For International CALL +1 813 248 0585 This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM
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2 Hazard identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

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Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	flammable liquid	3	Flam. Liq. 3	H226
3.1I	acute toxicity (inhal.)	4	Acute Tox. 4	H332
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.6	carcinogenicity	2	Carc. 2	H351
3.7	reproductive toxicity	2	Repr. 2	H361d
3.8	specific target organ toxicity - single exposure	2	STOT SE 2	H371
3.8D	specific target organ toxicity - single exposure (narcotic effects, drowsiness)	3	STOT SE 3	H336
3.9	specific target organ toxicity - repeated exposure	2	STOT RE 2	H373
3.10	aspiration hazard	1	Asp. Tox. 1	H304

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Delayed or immediate effects can be expected after short or long-term exposure. The product is combustible and can be ignited by potential ignition sources.

2.2 Label elements

Labeling

- Signal word danger
- Pictograms

GHS02, GHS07, GHS08



- Hazard statements

- | | |
|-------|---|
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H332 | Harmful if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| H351 | Suspected of causing cancer. |
| H361d | Suspected of damaging the unborn child. |
| H371 | May cause damage to organs (respiratory system, blood). |
| H373 | May cause damage to organs (blood, nervous system, eye) through prolonged or repeated exposure. |



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- Precautionary statements

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.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor.
P312	Call a POISON CENTER/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with national regulations.

- Hazardous ingredients for labelling

Naphthalene, Kerosine (petroleum), hydrodesulfurized, Heavy aromatic naphtha, toluene

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.

3 Composition/ Information on ingredients

3.1 Substances

Not relevant (mixture)

Identifiers

CAS No

64742-47-8






























3.2 Mixtures

Description of the mixture

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Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Kerosine (petroleum), hydrodesulfurized	CAS No 64742-81-0	30 – < 60	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304	  
Solvent naphtha (petroleum), light arom.	CAS No 64742-95-6	10 – < 30	Flam. Liq. 1 / H224 Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304	  
2-Ethylhexyl nitrate	CAS No 27247-96-7	10 – < 30	Flam. Liq. 4 / H227 Acute Tox. 4 / H302 Acute Tox. 4 / H312 Acute Tox. 4 / H332	
1,2,4 trimethybenzene	CAS No 95-63-6	5 – < 10	Flam. Liq. 3 / H226 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 STOT SE 3 / H335 Asp. Tox. 1 / H304	  
Heavy aromatic naphtha	CAS No Proprietary	1 – < 5	Flam. Liq. 3 / H226 STOT SE 3 / H335 STOT SE 3 / H336 STOT RE 2 / H373 Asp. Tox. 1 / H304	  
Naphthalene	CAS No 91-20-3	1 – < 5	Acute Tox. 4 / H302 Acute Tox. 1 / H330 Carc. 2 / H351 STOT SE 2 / H371 STOT RE 2 / H373	 
Propylbenzene	CAS No 103-65-1 RTECS No DA8750000	1 – < 5	Flam. Liq. 3 / H226 STOT SE 3 / H335 Asp. Tox. 1 / H304	  
1,3,5-trimethylbenzene	CAS No 108-67-8	1 – < 5	Flam. Liq. 3 / H226 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 STOT SE 3 / H335 Asp. Tox. 1 / H304	  
Methylbenzene derivatives	CAS No trade secret 1330-20-7	1 – < 5	Flam. Liq. 3 / H226 Acute Tox. 4 / H312 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Asp. Tox. 1 / H304	  
Cumene (HiTec 6406)	CAS No 98-82-8	1 – < 5	Flam. Liq. 3 / H226 STOT SE 3 / H335 Asp. Tox. 1 / H304	  
1,2,3-Trimethylbenzene	CAS No 526-73-8	1 – < 5	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319	 



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Remarks

For full text of abbreviations: see SECTION 16

4 First-aid measures

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.

4.3 Indication of any immediate medical attention and special treatment needed

none

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

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6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7 Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks



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- Explosive atmospheres
Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.
- Flammability hazards
Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.
- Ventilation requirements
Keep any substance that emits harmful vapors or gases in a place that allows these to be permanently extracted. Use local and general ventilation. Ground/bond container and receiving equipment.
- Packaging compatibilities
Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

8 Exposure controls/ Personal protection

8.1 Control parameters

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Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
CA	1,3,5-trimethylbenzene	108-67-8	OEL (BC)	25							"BC Regulation"
CA	toluene	108-88-3	OEL (BC)	20							"BC Regulation"
CA	toluene	108-88-3	OEL (ON-MoL)	20							MoL
CA	toluene	108-88-3	PEV/VEA	20							Regulation OHS
CA	toluene (toluol)	108-88-3	OEL (AB)	50	188					H	OHS Code
CA	xylene	1330-20-7	OEL (AB)	100	434	150	651				OHS Code
CA	xylene	1330-20-7	OEL (BC)	100		150					"BC Regulation"
CA	xylene	1330-20-7	OEL (ON-MoL)	100		150					MoL
CA	xylene	1330-20-7	PEV/VEA	100	434	150	651				Regulation OHS
CA	1,2,3-trimethylbenzene	526-73-8	OEL (BC)	25							"BC Regulation"
CA	trimethylbenzene, mixture of isomers	526-73-8	OEL (AB)	25	123						OHS Code
CA	trimethylbenzene, mixture of isomers	526-73-8	OEL (ON-MoL)	25							MoL
CA	trimethylbenzene, mixture of isomers	526-73-8	PEV/VEA	25							Regulation OHS
CA	Kerosene/Jet fuels	64742-81-0	OEL (AB)		200					Hy-Carb, vap, H	OHS Code

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Relevant DNELs of components						
Name of sub-stance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
2-Ethylhexyl nitrate	27247-96-7	DNEL	0.35 mg/m ³	human, inhalat-ory	worker (industry)	chronic - systemic effects
2-Ethylhexyl nitrate	27247-96-7	DNEL	1 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2-Ethylhexyl nitrate	27247-96-7	DNEL	44 µg/cm ²	human, dermal	worker (industry)	chronic - local ef-fects
1,2,4 trimethyben-zene	95-63-6	DNEL	100 mg/m ³	human, inhalat-ory	worker (industry)	chronic - systemic effects
1,2,4 trimethyben-zene	95-63-6	DNEL	100 mg/m ³	human, inhalat-ory	worker (industry)	acute - systemic ef-fects
1,2,4 trimethyben-zene	95-63-6	DNEL	100 mg/m ³	human, inhalat-ory	worker (industry)	chronic - local ef-fects
1,2,4 trimethyben-zene	95-63-6	DNEL	100 mg/m ³	human, inhalat-ory	worker (industry)	acute - local effects
1,2,4 trimethyben-zene	95-63-6	DNEL	16,171 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Naphthalene	91-20-3	DNEL	25 mg/m ³	human, inhalat-ory	worker (industry)	chronic - systemic effects
Naphthalene	91-20-3	DNEL	25 mg/m ³	human, inhalat-ory	worker (industry)	chronic - local ef-fects
Naphthalene	91-20-3	DNEL	3.57 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Methylbenzene de-derivatives	trade secret 1330-20-7	DNEL	221 mg/m ³	human, inhalat-ory	worker (industry)	chronic - systemic effects
Methylbenzene de-derivatives	trade secret 1330-20-7	DNEL	442 mg/m ³	human, inhalat-ory	worker (industry)	acute - systemic ef-fects
Methylbenzene de-derivatives	trade secret 1330-20-7	DNEL	221 mg/m ³	human, inhalat-ory	worker (industry)	chronic - local ef-fects
Methylbenzene de-derivatives	trade secret 1330-20-7	DNEL	442 mg/m ³	human, inhalat-ory	worker (industry)	acute - local effects
Methylbenzene de-derivatives	trade secret 1330-20-7	DNEL	212 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Cumene (HiTec 6406)	98-82-8	DNEL	100 mg/m ³	human, inhalat-ory	worker (industry)	chronic - systemic effects
Cumene (HiTec 6406)	98-82-8	DNEL	250 mg/m ³	human, inhalat-ory	worker (industry)	acute - local effects
Cumene (HiTec 6406)	98-82-8	DNEL	15.4 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

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Relevant PNECs of components						
Name of sub-stance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
2-Ethylhexyl nitrate	27247-96-7	PNEC	0.08 µg/l	aquatic organ-isms	marine water	short-term (single instance)
2-Ethylhexyl nitrate	27247-96-7	PNEC	0.83 µg/l	aquatic organ-isms	freshwater	short-term (single instance)
2-Ethylhexyl nitrate	27247-96-7	PNEC	10 mg/l	aquatic organ-isms	sewage treatment plant (STP)	short-term (single instance)
2-Ethylhexyl nitrate	27247-96-7	PNEC	0.47 mg/kg	aquatic organ-isms	freshwater sedi-ment	short-term (single instance)
2-Ethylhexyl nitrate	27247-96-7	PNEC	47 µg/kg	aquatic organ-isms	marine sediment	short-term (single instance)
2-Ethylhexyl nitrate	27247-96-7	PNEC	93.5 µg/kg	terrestrial organ-isms	soil	short-term (single instance)
1,2,4 trimethyben-zene	95-63-6	PNEC	0.12 mg/l	aquatic organ-isms	freshwater	short-term (single instance)
1,2,4 trimethyben-zene	95-63-6	PNEC	0.12 mg/l	aquatic organ-isms	marine water	short-term (single instance)
1,2,4 trimethyben-zene	95-63-6	PNEC	2.41 mg/l	aquatic organ-isms	sewage treatment plant (STP)	short-term (single instance)
1,2,4 trimethyben-zene	95-63-6	PNEC	13.56 mg/kg	aquatic organ-isms	freshwater sedi-ment	short-term (single instance)
1,2,4 trimethyben-zene	95-63-6	PNEC	13.56 mg/kg	aquatic organ-isms	marine sediment	short-term (single instance)
1,2,4 trimethyben-zene	95-63-6	PNEC	2.34 mg/kg	terrestrial organ-isms	soil	short-term (single instance)
Methylbenzene de-derivatives	trade secret 1330-20-7	PNEC	0.327 mg/l	aquatic organ-isms	freshwater	short-term (single instance)
Methylbenzene de-derivatives	trade secret 1330-20-7	PNEC	0.327 mg/l	aquatic organ-isms	marine water	short-term (single instance)
Methylbenzene de-derivatives	trade secret 1330-20-7	PNEC	6.58 mg/l	aquatic organ-isms	sewage treatment plant (STP)	short-term (single instance)
Methylbenzene de-derivatives	trade secret 1330-20-7	PNEC	12.46 mg/kg	aquatic organ-isms	freshwater sedi-ment	short-term (single instance)
Methylbenzene de-derivatives	trade secret 1330-20-7	PNEC	12.46 mg/kg	aquatic organ-isms	marine sediment	short-term (single instance)
Methylbenzene de-derivatives	trade secret 1330-20-7	PNEC	2.31 mg/kg	terrestrial organ-isms	soil	short-term (single instance)
Cumene (HiTec 6406)	98-82-8	PNEC	0.035 mg/l	aquatic organ-isms	freshwater	short-term (single instance)
Cumene (HiTec)	98-82-8	PNEC	0.004 mg/l	aquatic organ-	marine water	short-term (single

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8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	not determined
Odor	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	≥-20 °C at 101.3 kPa
Flammability	flammable liquid in accordance with GHS criteria
Lower and upper explosion limit	0.8 vol% - 7.6 vol%
Flash point	38 °C
Auto-ignition temperature	215 °C (auto-ignition temperature (liquids and gases))
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	not determined

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Solubility(ies)	not determined
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Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapor pressure	≤240 kPa at 37.8 °C
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Density and/or relative density

Density	not determined
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)
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9.2 Other information

Information with regard to physical hazard classes	there is no additional information
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Other safety characteristics

Temperature class (USA, acc. to NEC 500)	T3 (maximum permissible surface temperature on the equipment: 200°C)
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10 Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures



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against static discharge.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

11 Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Harmful if inhaled.

GHS of the United Nations, annex 4: May be harmful if swallowed or in contact with skin.

- Acute toxicity estimate (ATE)

Inhalation: gas	4,403 ppmV/4h
Inhalation: vapour	>12 mg/l/4h

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Acute toxicity estimate (ATE) of components

Name of substance	CAS No	Exposure route	ATE
Kerosine (petroleum), hydrodesulfurized	64742-81-0	dermal	>2,000 mg/kg
Solvent naphtha (petroleum), light arom.	64742-95-6	dermal	>2,000 mg/kg
2-Ethylhexyl nitrate	27247-96-7	oral	500 mg/kg
2-Ethylhexyl nitrate	27247-96-7	dermal	1,100 mg/kg
2-Ethylhexyl nitrate	27247-96-7	inhalation: vapour	11 mg/l/4h
2-Ethylhexyl nitrate	27247-96-7	inhalation: dust/mist	>5.65 mg/l/4h
1,2,4 trimethylbenzene	95-63-6	inhalation: vapour	11 mg/l/4h
Heavy aromatic naphtha	Proprietary	dermal	>2,000 mg/kg
Naphthalene	91-20-3	oral	710 mg/kg
Naphthalene	91-20-3	dermal	>2,500 mg/kg
Naphthalene	91-20-3	inhalation: vapour	>0.4 mg/l/4h
Naphthalene	91-20-3	inhalation: dust/mist	0.005 mg/l/4h
Propylbenzene	103-65-1	inhalation: gas	32,500 ppmV/4h
1,3,5-trimethylbenzene	108-67-8	dermal	>2,000 mg/kg
1,3,5-trimethylbenzene	108-67-8	inhalation: vapour	>10.2 mg/l/4h
Methylbenzene derivatives	trade secret 1330-20-7	oral	3,523 mg/kg
Methylbenzene derivatives	trade secret 1330-20-7	dermal	1,100 mg/kg
Methylbenzene derivatives	trade secret 1330-20-7	inhalation: vapour	11 mg/l/4h
2-ethylhexan-1-ol	104-76-7	oral	2,047 mg/kg
2-ethylhexan-1-ol	104-76-7	inhalation: vapour	>0.89 mg/l/4h
toluene	108-88-3	inhalation: gas	7.6 ppmV/4h
toluene	108-88-3	inhalation: vapour	28.1 mg/l/4h

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.



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Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure

May cause damage to organs (respiratory system, blood). May cause drowsiness or dizziness.

Hazard category	Target organ	Exposure route
2	respiratory system	if exposed
2	blood	if exposed

Specific target organ toxicity - repeated exposure

May cause damage to organs (blood, nervous system, eye) through prolonged or repeated exposure.

Hazard category	Target organ	Exposure route
2	blood	if exposed
2	nervous system	if exposed
2	eye	if exposed

Aspiration hazard

May be fatal if swallowed and enters airways.

12 Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

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Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Kerosine (petroleum), hydrodesulfurized	64742-81-0	LL50	2 – 5 mg/l	fish	96 h
Kerosine (petroleum), hydrodesulfurized	64742-81-0	EL50	1.4 mg/l	aquatic invertebrates	48 h
Kerosine (petroleum), hydrodesulfurized	64742-81-0	LOEL	1 mg/l	algae	72 h
Solvent naphtha (petroleum), light arom.	64742-95-6	LL50	8.2 mg/l	fish	96 h
Solvent naphtha (petroleum), light arom.	64742-95-6	EL50	4.5 mg/l	aquatic invertebrates	48 h
2-Ethylhexyl nitrate	27247-96-7	LC50	2 mg/l	fish	96 h
2-Ethylhexyl nitrate	27247-96-7	EC50	0.83 mg/l	aquatic invertebrates	48 h
2-Ethylhexyl nitrate	27247-96-7	ErC50	>2.53 mg/l	algae	72 h
2-Ethylhexyl nitrate	27247-96-7	NOEC	1.52 mg/l	fish	96 h
2-Ethylhexyl nitrate	27247-96-7	LOEC	2.53 mg/l	algae	72 h
1,2,4 trimethybenzene	95-63-6	LC50	7.72 mg/l	fish	96 h
1,2,4 trimethybenzene	95-63-6	EC50	2.356 mg/l	algae	96 h
Heavy aromatic naphtha	Proprietary	LC50	2 mg/l	rainbow trout (Oncorhynchus mykiss)	96 h
Heavy aromatic naphtha	Proprietary	LC50	3 mg/l	fathead minnow	72 h
Heavy aromatic naphtha	Proprietary	EC50	1.1 mg/l	water flea (Daphnia)	48 h
Heavy aromatic naphtha	Proprietary	EC50	1.1 mg/l	algae	96 h
Heavy aromatic naphtha	Proprietary	LL50	5 mg/l	fish	96 h
Heavy aromatic naphtha	Proprietary	EL50	1.4 mg/l	aquatic invertebrates	48 h
Heavy aromatic naphtha	Proprietary	LOEL	1 mg/l	algae	72 h
Naphthalene	91-20-3	LC50	1.6 mg/l	fish	96 h
Naphthalene	91-20-3	EC50	2.16 mg/l	aquatic invertebrates	48 h
Propylbenzene	103-65-1	LC50	1.55 mg/l	rainbow trout (Oncorhynchus mykiss)	96 h
Propylbenzene	103-65-1	EC50	2 mg/l	water flea (Daphnia)	24 h

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Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Kerosine (petroleum), hydrodesulfurized	64742-81-0	EL50	0.89 mg/l	aquatic invertebrates	21 d
Kerosine (petroleum), hydrodesulfurized	64742-81-0	LOEL	1.2 mg/l	aquatic invertebrates	21 d
Solvent naphtha (petroleum), light arom.	64742-95-6	EL50	10 mg/l	fish	21 d
Solvent naphtha (petroleum), light arom.	64742-95-6	EC50	15.41 mg/l	microorganisms	40 h
2-Ethylhexyl nitrate	27247-96-7	EC50	>1,000 mg/l	microorganisms	3 h
Heavy aromatic naphtha	Proprietary	EL50	0.89 mg/l	aquatic invertebrates	21 d
Heavy aromatic naphtha	Proprietary	LOEL	1.2 mg/l	aquatic invertebrates	21 d
Naphthalene	91-20-3	EC50	2.96 mg/l	algae	4 h
Naphthalene	91-20-3	NOEC	0.37 mg/l	fish	40 d
Naphthalene	91-20-3	LOEC	0.38 mg/l	fish	40 d
1,3,5-trimethylbenzene	108-67-8	NOEC	0.4 mg/l	aquatic invertebrates	21 d
Methylbenzene derivatives	trade secret 1330-20-7	EL50	2.9 mg/l	aquatic invertebrates	21 d
Methylbenzene derivatives	trade secret 1330-20-7	ErC50	4.36 mg/l	algae	73 h
Methylbenzene derivatives	trade secret 1330-20-7	EC50	2.2 mg/l	algae	73 h
Methylbenzene derivatives	trade secret 1330-20-7	NOEC	>1.3 mg/l	fish	56 d
Methylbenzene derivatives	trade secret 1330-20-7	LOEC	3.16 mg/l	aquatic invertebrates	21 d
Cumene (HiTec 6406)	98-82-8	EC50	1.5 mg/l	aquatic invertebrates	21 d
Cumene (HiTec 6406)	98-82-8	LC50	>3 mg/l	aquatic invertebrates	21 d
Cumene (HiTec 6406)	98-82-8	NOEC	0.38 mg/l	fish	28 d
toluene	108-88-3	LC50	3.78 mg/l	aquatic invertebrates	2 d
toluene	108-88-3	EC50	3.23 mg/l	aquatic invertebrates	7 d
toluene	108-88-3	LOEC	2.77 mg/l	fish	40 d
toluene	108-88-3	NOEC	1.39 mg/l	fish	40 d

12.2 Persistence and degradability



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Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

Data are not available.

13 Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

14 Transport information

14.1 UN number

UN RTDG	UN 1268
IMDG-Code	UN 1268
ICAO-TI	UN 1268

14.2 UN proper shipping name

UN RTDG	PETROLEUM DISTILLATES, N.O.S.
IMDG-Code	PETROLEUM DISTILLATES, N.O.S.
ICAO-TI	Petroleum distillates, n.o.s.

14.3 Transport hazard class(es)

UN RTDG	3
IMDG-Code	3

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ICAO-TI	3
14.4 Packing group	
UN RTDG	III
IMDG-Code	III
ICAO-TI	III
14.5 Environmental hazards	hazardous to the aquatic environment
Environmentally hazardous substance (aquatic environment)	Kerosine (petroleum), hydrodesulfurized
14.6 Special precautions for user	
There is no additional information.	
14.7 Transport in bulk according to IMO instruments	
The cargo is not intended to be carried in bulk.	

Information for each of the UN Model Regulations

Transport information - National regulations - Additional information (UN RTDG)

UN number	1268
Class	3
Environmental hazards	yes (hazardous to the aquatic environment)
Packing group	III
Danger label(s)	3, fish and tree



Special provisions (SP)	223 (UN RTDG)
Excepted quantities (EQ)	E1 (UN RTDG)
Limited quantities (LQ)	5 L (UN RTDG)

International Maritime Dangerous Goods Code (IMDG) - Additional information

Particulars in the shipper's declaration	UN1268, PETROLEUM DISTILLATES, N.O.S., (contains: Kerosine (petroleum), hydrodesulfurized, 1,2,4 trimethlybenzene), 3, III, 38°C c.c., MARINE POLLUTANT
Marine pollutant	yes (hazardous to the aquatic environment)
Danger label(s)	3, fish and tree

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Special provisions (SP)	223, 955
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-E, S-E
Stowage category	A

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Particulars in the shipper's declaration	UN1268, Petroleum distillates, n.o.s., (contains: Kerosine (petroleum), hydrodesulfurized, 1,2,4 trimethybenzene), 3, III
Environmental hazards	yes (hazardous to the aquatic environment)
Danger label(s)	3



Special provisions (SP)	A3
Excepted quantities (EQ)	E1
Limited quantities (LQ)	10 L

15 Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed or exempt from listing

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)



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Toxics Release Inventory: Specific Toxic Chemical Listings

Name of substance	CAS No	Remarks	Effective date
Propylbenzene	98-82-8		1987-01-01
Cumene (HiTec 6406)	98-82-8		1987-01-01
1,2,4 trimethybenzene	95-63-6		1987-01-01
Methylbenzene derivatives	1330-20-7		1987-01-01
Naphthalene	91-20-3		1987-01-01
toluene	108-88-3		1987-01-01

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
Cumene (HiTec 6406)	98-82-8		3 4	5000 (2270)
Methylbenzene derivatives	1330-20-7		1 3 4	100 (45,4)
Naphthalene	91-20-3		1 2 3 4	100 (45,4)
toluene	108-88-3		1 2 3 4	1000 (454)

Legend

- "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act
- "2" indicates that the source is section 307(a) of the Clean Water Act
- "3" indicates that the source is section 112 of the Clean Air Act
- "4" indicates that the source is section 3001 of the Resource Conservation and Recovery Act (RCRA)

Clean Air Act

none of the ingredients are listed

Drug precursors, Chemicals designated within the Controlled Substances Act, 21 U.S.C. § 802, paragraphs 34 (list I) and 35 (list II)



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Name of substance	CAS No	Listed in	Special conditions	Excluded transactions	DEA - code	Concentration limit
toluene	108-88-3	List II chemicals	SC-6594	excl-trans-12	6594	35% by Weight or Volume

Legend

- excl-trans-12 Excluded transactions: Domestic and import transactions in chemical mixtures that contain acetone, ethyl ether, 2-butanone, and/or toluene, unless regulated because of being formulated with other List I or List II chemical(s) above the concentration limit.
- List II chemicals The term "list II chemical" means a chemical (other than a list I chemical) specified by regulation of the Attorney General as a chemical that is used in manufacturing a controlled substance in violation of this subchapter.
- SC-6594 Exports only; Limit applies to toluene or any combination of acetone, ethyl ether, 2-butanone, methyl isobutyl ketone, and toluene if present in the mixture by summing the concentrations for each chemical.

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	2	temporary or minor injury may occur
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

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National inventories

Country	Inventory	Status
AU	AIIC	not all ingredients are listed
CA	DSL	not all ingredients are listed
CA	NDSL	not all ingredients are listed
CN	IECSC	not all ingredients are listed
EU	ECSI	not all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	not all ingredients are listed
PH	PICCS	not all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	not all ingredients are listed
US	TSCA	all ingredients are listed (ACTIVE)

Legend

AIIC	Australian Inventory of Industrial Chemicals
CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NDSL	Non-domestic Substances List (NDSL)
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.



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16 Other information

Key literature references and sources for data

Hazardous Products Regulations (HPR)
SOR/2022-272: Regulations Amending the Hazardous Products Regulations (GHS, Seventh Revised Edition)
UN Recommendations on the Transport of Dangerous Goods. International Maritime Dangerous Goods Code (IMDG).
Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.