



SEA FOAM CONCENTRATED FUEL INJECTOR CLEANER SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law
Regulations SI 2019/758.

Version: 4021UK
SDS Revision Date: 15/10/2023

Applicable Law: United Kingdom
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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE SUPPLIER/MANUFACTURER

Product name : Sea Foam Concentrated Fuel Injector Cleaner

Product code : IC5INT

Product form : Mixture

Relevant Identified uses : Intended for general public

Main use category : Industrial use, consumer use

Use of substance/mixture : Gasoline additive

Uses advised against : No additional information available

Manufacturer : **Sea Foam International, Inc.**
PO Box 639
Bismarck, ND 58502-0639
T (701) 751-7363

Distributor : **C M Frost**
Unit 6 Everitt Close Denington Industrial Estate
Northamptonshire Wellingborough
NN8 2QE United Kingdom
T 0044 (0) 1933 225 564
customerservice@topspeedautomotive.com

Emergency telephone number : INFOTRAC : 1 (352) 323-3500 (International)
1-800-535-5053 (US & Canada)

Country **Great Britain** **Emergency Number**
National Poisons Information Service (Birmingham Centre) 0344 892 0111
City Hospital
Dudley Road
B18 7QH Birmingham



SECTION 2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315
Asp. Tox. 1 H304
Aquatic Chronic 3 H412

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

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

GHS08

Signal Word (CLP)

DANGER

Contains

Distillates, petroleum, hydrotreated heavy paraffinic; Solvent naphtha, petroleum, light, aromatic; Benzene, 1,2,4-trimethyl-

Hazard statements (CLP)

H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP)

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P273 - Avoid release to the environment.
P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Unknown acute toxicity (CLP)

1.24% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
2.65% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
82.91% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

Unknown hazards to the aquatic environment

Contains 1.24% of components with unknown hazards to the aquatic environment

Child-resistant fastening

Applicable.

Tactile warning

Applicable.

Other Hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII.



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS			
Mixtures			
Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates, petroleum, hydrotreated heavy paraffinic (Note L)	(CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (EC Index-No.) 649-467-00-8	60 – 80	Asp. Tox. 1, H304
Solvent naphtha, petroleum, light aromatic (Note P)	(CAS-No.) 64742-95-6 (EC-No.) 265-199-0;918-668-5 (EC Index-No.) 649-356-00-4	7 - 13	Flam. Liq. 1, H224 Asp. Tox. 1, H304
Polyolefin alkyl phenol alkyl amine	(CAS-No.) Proprietary	7 - 13	Skin Irrit. 2, H315
Benzene, 1,2,4-trimethyl-substance with a Community workplace exposure limit	(CAS-No.) 95-63-6 (EC-No.) 202-436-9 (EC Index-No.) 601-043-00-3	1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 (ATE=18 mg/l/4h) Acute Tox. 4 (Inhalation:vapour), H332 (ATE=18 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
1,3,5-Trimethylbenzene substance with a Community workplace exposure limit	(CAS-No.) 108-67-8 (EC-No.) 203-604-4 (EC Index-No.) 601-025-00-5	0.5 – 1.5	Flam. Liq. 3, H226 STOT SE 3, H335 Aquatic Chronic 2, H411
2-Ethylhexanol substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	(CAS-No.) 104-76-7 (EC-No.) 203-234-3	0.5 – 1.5	Acute Tox. 4 (Dermal), H312 (ATE=1980 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Isopropylbenzene substance with national workplace exposure limit(s) (GB) (Note C)	(CAS-No.) 98-82-8 (EC-No.) 202-704-5 (EC Index-No.) 601-024-00-X	0.1 < 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 (ATE=1400 mg/kg bodyweight) STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

Specific concentration limits		
Name	Product identifier	Specific concentration limits
1,3,5-Trimethylbenzene	(CAS-No.) 108-67-8 (EC-No.) 203-604-4 (EC Index-No.) 601-025-00-5	(25 ≤ C < 100) STOT SE 3, H335

Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must sit on the label whether the substance is a specific isomer or a mixture of isomers.

Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

Note P : The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINE No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262- P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H-statements: see section 16

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

<i>First-aid measures after inhalation</i>	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
<i>First-aid measures after skin contact</i>	: IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
<i>First-aid measures after eye contact</i>	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.



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First-aid measures after ingestion : IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact : Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. May cause eye irritation.
Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. May result in aspiration into the lungs, causing chemical pneumonia. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Indication of any immediate medical attention and special treatment needs

Other medical advice or treatment : Treat symptomatically. Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Water spray, fog, carbon dioxide, foam, dry chemical.
Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

Special hazards arising from the substance or mixture / Conditions of flammability

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating vapours.

Advice for firefighting

Firefighting instructions : Move containers away from the fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.
Protection during firefighting : Keep upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General measures : Eliminate sources of ignition. Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
For non-emergency personnel : No additional information.
For emergency personnel : No additional information.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

For containment : Stop leak if safe to do so. Remove ignition sources. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

Reference to other sections : For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only in well ventilated areas.

Handling temperature : ≤ 70 °C (158 °F)

Hygiene measures : Take off contaminated clothing and wash it before reuse. Wash hands, forearms and face thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage temperature : ≤ 40 °C (104 °F)

Storage conditions : Keep out of the reach of children. Keep container closed when not in use. Keep away from strong oxidizers. Store in a dry, cool and well-ventilated place.

Specific end use(s) : Gasoline additive.



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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

2-Ethylhexanol (104-76-7)

United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA) [1]	5.4 mg/m ³
WEL TWA (OEL TWA) [2]	1 ppm
WEL STEL (OEL STEL)	16.2 mg/m ³ (calculated)
WEL STEL (OEL STEL) [ppm]	3 ppm (calculated)

Isopropylbenzene (98-82-8)

United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA) [1]	125 mg/m ³
WEL TWA (OEL TWA) [2]	25 ppm
WEL STEL (OEL STEL)	250 mg/m ³
WEL STEL (OEL STEL) [ppm]	50 ppm
WEL chemical category	Potential for cutaneous absorption

Recommended monitoring procedures : No additional information available.

Air contaminants formed : No additional information available.

DNEL and PNEC : No additional information available.

Control banding : No additional information available.

Appropriate engineering controls : Use adequate ventilation to keep oil mist below applicable standard. Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

Environmental exposure controls : Avoid release to the environment.

Individual protection measures/Personal protective equipment

Hand protection : Chemical resistant gloves (according to European standard NF ISO 374-1 or equivalent). Neoprene or nitrile rubber gloves. Wear insulated gloves when handling hot product. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection : Safety glasses or goggles are recommended when using product.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Where mineral oil mists are generated – use full face respirator with organic vapor cartridge. In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Thermal hazards : No additional information available.

Other information : Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Liquid.

Decomposition temperature:

No data available.

Appearance:

Pale yellow liquid.

Flammability (solid, gas):

No data available.

Color:

Pale yellow (Amber).

Vapor pressure:

0.0017 kPa @ 25 °C/68 °F (.013 torr @ 25 °C/68 °F)

Odor:

Petroleum.

Relative vapor density at 20 °C / 68 °F:

No data available

Odor threshold:

Relative density:



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No data available.

No data available.

pH:

No data available.

Solubility:

Insoluble in water, alcohols.
Soluble in organic solvents.

Relative evaporation rate (butylacetate=1)

0

Partition coefficient n-octanol/water:

No data available.

Melting point:

No data available.

Viscosity, kinematic:

≈ 20 mm²/s @ 40 °C

Freezing point:

No data available.

Viscosity, dynamic:

No data available.

Boiling point:

209 °C.

Explosive properties:

No data available.

Flash point:

70 °C TCC

Oxidising properties:

No data available.

Auto-ignition temperature

No data available.

Explosive limits:

No data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Heat. Sources of ignition. Incompatible materials.
Incompatible materials	: Strong oxidizing agents. Strong reducing agents.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating vapours. May release flammable gases. Smokes.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

<i>Acute toxicity (oral)</i>	: Not classified.
<i>Acute toxicity (dermal)</i>	: Not classified.
<i>Acute toxicity (inhalation)</i>	: Not classified.

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
LD50 dermal rabbit	> 5000 mg/kg

Solvent naphtha, petroleum, light aromatic (64742-95-6)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	3400 ppm/4h

Polyolefin alkyl phenol alkyl amine (Proprietary)

LD50 oral rat	> 5000 mg/kg (OECD 423 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

Benzene, 1,2,4-trimethyl- (95-63-6)

LD50 oral rat	3280 mg/kg
LD50 dermal rabbit	> 3160 mg/kg



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LC50 inhalation rat	18 g/m ³ (Exposure time: 4 h)
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1,3,5-Trimethylbenzene (108-67-8)	
LD50 oral rat	6000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: EU Method B.1 (Acute Toxicity (Oral)), 95% CL: 4920 - 7320
LC50 inhalation rat	24 g/m ³ (Exposure time: 4 h)

n-Propylbenzene (103-65-1)	
LD50 oral rat	6040 mg/kg
LC50 inhalation rat	65000 ppm (Exposure time: 2 h)

2-Ethylhexanol (104-76-7)	
LD50 oral rat	3730 mg/kg
LD50 dermal rabbit	1980 mg/kg
LC50 inhalation rat	0.89 – 5.3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:
LC50 inhalation rat	> 227 ppm (Exposure time: 6 h)

Isopropylbenzene (98-82-8)	
LD50 oral rat	1400 mg/kg
LD50 dermal rabbit	12300 µl/kg
LC50 inhalation rat	> 3577 ppm (Exposure time: 6 h)

Unknown acute toxicity (CLP) – SDS

: 1.24% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
2.65% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
82.91% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

Skin corrosion/irritation

: Causes skin irritation.

Serious eye damage/irritation

: Not classified. .

Additional Information

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

Respiratory or skin sensitization

: Not classified.

Additional Information

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

Germ cell mutagenicity

: Not classified.

Additional Information

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

Carcinogenicity

: Not classified.

Additional Information

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

Isopropylbenzene (98-82-8)	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity

: Suspected of damaging fertility or the unborn child.

Additional Information

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

STOT-single exposure

: Not classified.

Additional Information

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

Benzene, 1,2,4-trimethyl- (95-63-6)	
STOT-single exposure	May cause respiratory irritation.

1,3,5-Trimethylbenzene (108-67-8)	
STOT-single exposure	May cause respiratory irritation.

2-Ethylhexanol (104-76-7)	
STOT-single exposure	May cause respiratory irritation.

Isopropylbenzene (98-82-8)	
STOT-single exposure	May cause respiratory irritation.



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STOT-repeated exposure : Not classified.

Additional Information : Based on available data, the classification criteria are not met

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Benzene, 1,2,4-trimethyl- (95-63-6)	
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
NOAEC (inhalation, rat, vapour, 90 days)	1.8 mg/l air Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
1,3,5-Trimethylbenzene (108-67-8)	
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
NOAEC (inhalation, rat, vapour, 90 days)	1.8 mg/l air Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
2-Ethylhexanol (104-76-7)	
NOAEL (oral, rat, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation, rat, gas, 90 days)	120 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

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

Sea Foam Concentrated Fuel Injector Cleaner	
Viscosity, kinematic	≈ 20 mm ² /s @ 40 °C
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
Viscosity, kinematic	1.99 – 847 mm ² /s Temp.: '40°C' Parameter: 'mm ² /s' 'mm ² /s'
Solvent naphtha, petroleum, light aromatic (64742-95-6)	
Viscosity, kinematic	< 1 mm ² /s Temp.: 'other:37.8°C' Parameter: 'kinematic viscosity (in mm ² /s)'
Isopropylbenzene (98-82-8)	
Viscosity, kinematic	0.74 mm ² /s Temp.: 'other:37.78°C' Parameter: 'kinematic viscosity (in mm ² /s)'

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

<i>Ecology – general</i>	: May cause long-term adverse effects in the aquatic environment. Harmful to aquatic life with long lasting effects.
<i>Unknown hazards to the aquatic environment (CLP)</i>	: Contains 1.24% of components with unknown hazards to the aquatic environment.
<i>Hazardous to the aquatic environment, short-term (acute)</i>	: Not classified.
<i>Hazardous to the aquatic environment, long-term (chronic)</i>	: Harmful to aquatic life with long lasting effects.

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
LC50 fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Crustacea 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Solvent naphtha, petroleum, light aromatic (64742-95-6)	
LC50 fish 1	9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Crustacea 1	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Polyolefin alkyl phenol alkyl amine (Proprietary)	
ErC50 algae	5.4 mg/l
NOEC (chronic)	3.38 mg/l 21 days; Daphnia

Benzene, 1,2,4-trimethyl- (95-63-6)	
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LC50 fish 1	7.19 - 8.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Crustacea 1	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 96h - Algae [1]	2.356 mg/l Test organisms (species): other:Green algae

1,3,5-Trimethylbenzene (108-67-8)	
LC50 fish 1	3.48 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
NOEC (chronic)	0.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

2-Ethylhexanol (104-76-7)	
LC50 - Fish [1]	32 – 37 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
LC50 - Fish [2]	> 7.5 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 - Crustacea [1]	39 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	11.5 mg/l (Species: Desmodesmus subspicatus)
EC50 72h - Algae [2]	16.6 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

Isopropylbenzene (98-82-8)	
LC50 - Fish [1]	6.04 – 6.61 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	4.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
EC50 - Crustacea [1]	0.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	7.9 – 14.1 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 72h - Algae [1]	2.6 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 72h - Algae [2]	1.29 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	0.35 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.38 mg/l Test organisms (species): other:D. rerio and P. promelas Duration: '28 d'

Persistence and degradability

Sea Foam Concentrated Fuel Injector Cleaner : Not established.

Bioaccumulative potential

Sea Foam Concentrated Fuel Injector Cleaner : Not established.

Benzene, 1,2,4-trimethyl- (95-63-6) : Partition coefficient n-octanol/water : 3.63

2-Ethylhexanol (104-76-7) : Partition coefficient n-octanol/water : 2.9 (at 25 °C (at pH 7)

Isopropylbenzene (98-82-8) : BCF fish 1 : (35.5 dimensionless)
Partition coefficient n-octanol/water : 3.55 (at 23 °C)

Mobility in soil

: No additional information available.

Results of PBT and vPvB assessment

: No additional information available.

PBT

: A PBT assessment has not yet been carried out under REACH for the constituents. However, there are no indications that this product contains substances likely to be classified as PBT.

vPvB

: A vPvB assessment has not yet been carried out under REACH for the constituents. However, there are no indications that this product contains substances likely to be classified as vPvB.

Other adverse effects

Endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Additional information

: No other effects known.



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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Product/Packaging disposal recommendations* : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Empty containers or liners may retain some product residues.
- Additional information* : Handle empty containers with care because residual vapours are flammable.

SECTION 14. TRANSPORTATION INFORMATION

In accordance with ADR / IMDG / IATA

- UN number** : Not regulated for transport.
- UN-No. (ADR) : Not regulated for transport.
- UN-No (IMDG) : Not regulated for transport.
- UN-No (IATA) : Not regulated for transport.

UN proper shipping name

- Proper shipping name (ADR)* : Not regulated.
- Proper shipping name (IMDG)* : Not regulated.
- Proper shipping name (IATA)* : Not regulated.

Transport hazard class(es)

ADR

- Transport hazard class(es) (ADR)* : Not regulated.

IMDG

- Transport hazard class(es) (IMDG)* : Not regulated.

IATA

- Transport hazard class(es) (IATA)* : Not regulated.

Packing group

- Packing group (ADR)* : Not regulated.
- Packing group (IMDG)* : Not regulated.
- Packing group (IATA)* : Not regulated.

Environmental hazards

- Dangerous for environment* : No.
- Marine pollutant* : No.
- Other information* : No supplementary information available.

Special precautions for user

- Special transport precautions* : Do not handle until all safety precautions have been read and understood.
- Transport by sea : Not regulated.
- Air Transport : Not regulated.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for substance or mixture : Relevant EU provisions transposed through retained EU law.

EU Regulations

- REACH Annex XVII (Restrictions list)* : Contains no REACH substances with Annex XVII restrictions (Restriction Conditions).
- REACH Annex XIV (Authorization list)* : Contains no substance(s) listed on REACH Annex XIV (Authorization List)
- REACH Candidate List (SVHC)* : Contains no REACH candidate substances.
- PIC Regulation (Prior Informed Consent)* : Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
- POP Regulation (Persistent Organic Pollutants)* : Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)



SEA FOAM CONCENTRATED FUEL INJECTOR CLEANER SAFETY DATA SHEET

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Ozone Regulation (1005/2009)	: Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)
Explosive Precursors Regulation (2019/1148)	: Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)
Drug Precursors Regulation (273/2004)	: Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

National Regulations

British National Regulations : Not determined.

Chemical Safety assessment : No chemical safety assessment has been carried out.

SECTION 16. OTHER INFORMATION INCLUDING INFORMATION RELATING TO THE PREPARATION AND UPDATING OF SAFETY DATA SHEETS

Indication of changes	: None
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other Information	:None

Full text of H- and EUH-statements

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 1	Flammable liquids, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H224	Extremely flammable liquid and vapour.
H226	Flammable liquid and vapour.
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.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Asp. Tox. 1	H304	Calculation method
Aquatic Chronic 3	H412	Calculation method

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