



Fuel System Cleaner

1. Identification of the substance/mixture and of the company/undertaking

- 1.1. *Product identifier*
Product form: Mixture
Trade name: Fuel System Cleaner
Chemical characterization: Solvent with additives
- 1.2. *Relevant identified uses of the substance or mixture and uses advised against*
Main use category: Product for cleaning diesel and gasoline engines. Only for professional use.
- 1.3. *Details of the supplier of the safety data sheet*
Supplier: UTB B.V.
Mandenmakerstraat 21-25
2984 AS Ridderkerk
Netherlands
Tel: +31 (0)88-0202300
Email: orders@utb.nl
Website: www.utboils.com
- 1.4. *Emergency telephone number*
Emergency number: +31 (0)592 40 77 97
This number is serviced during office hours.

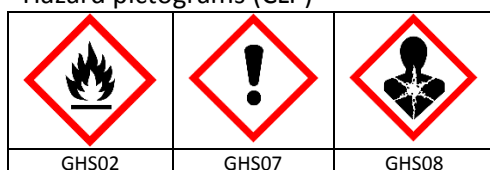
2. Hazards identification

- 2.1. *Classification of the substance or mixture*
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Asp. Tox. 1 H304
Flam. Liq. 2 H225
Eye Irrit. 2 H319
STOT. SE. 3 H336

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects
No additional information available.

- 2.2. *Label elements*
Labeling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP)



CLP Signal word: Danger



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Hazard statements (CLP)

H304	May be fatal if swallowed and enters airways.
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements (CLP)

P301+P310+P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3 Other hazards

No additional information available.

3. Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
propane-2-ol isopropyl alcohol isopropanol	CAS-nr: 67-63-0	30-60	Flam. Liq. 2; H225 Eye. Irrit. 2; H319 STOT. SE. 3; H336
Naphtha (petroleum), hydrotreated light	CAS-nr: 64742-49-0	25-50	Asp. Tox. 1; H304 [Note P]
Naphtha (petroleum), hydrotreated heavy	CAS-nr: 64742-48-9	1-5	Asp. Tox. 1; H304 [Note P]

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.

4. First aid measures



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4.1. Description of first aid measures

First-aid measures general: In all cases of doubt, or when symptoms persist, seek medical attention. After adequate first aid, no further treatment is required unless symptoms reappear.

After inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice. If unconscious, place in the recovery position and seek medical advice.

After skin contact: Wash off immediately with soap and plenty of water removing at the same time all contaminated clothes. Wash clothing before re-using. Do not remove clothing if it sticks to the skin.

After eye contact: Rinse immediately with plenty of water, also under the eyelids. First-aid measures after ingestion: Rinse mouth out with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical advice (show the label where possible).

4.2. Most important symptoms and effects, both acute and delayed

After inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

After skin contact: May stain the skin. May cause slight irritation to the skin.

After eye contact: May stain the eyes. May cause eye irritation.

After ingestion: May cause slight irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard: No information available on this specific product, however by analogy, the product is considered to be: No fire hazard.

Explosion hazard: Product does not present an explosion hazard.

Hazardous decomposition products in case of fire: Release of harmful/irritant gases/vapours.



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5.3. *Advice for firefighters*

Firefighting instructions: Exercise caution when fighting any chemical fire. Cool tanks/drums with water spray/remove them into safety.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: Prevent fire-fighting water from entering environment.

6. Accidental release measures

6.1. *Personal precautions, protective equipment and emergency procedures*

General measures: Avoid contact with skin, eyes and clothing. Avoid breathing dust, mist or spray. Do not eat, drink or smoke when using this product.

6.1.1. *For non-emergency personnel*

Protective equipment: Wear recommended personal protective equipment. Refer to chapter 8.

Emergency procedures: Provide adequate ventilation. Wear suitable respiratory equipment in case of insufficient ventilation. Keep unprotected persons from entering.

6.1.2. *For emergency responders*

Protective equipment: Wear recommended personal protective equipment. Refer to chapter 8.

Emergency procedures: Provide adequate ventilation. Wear suitable respiratory equipment in case of insufficient ventilation. Keep unprotected persons from entering.

6.2. *Environmental precautions*

Prevent entry to sewers and public waters.

6.3. *Methods and material for containment and cleaning up*

Methods for cleaning up: Clean up any spills as soon as possible, using an absorbent material to collect it. Wash away remainder with plenty of water.

6.4. *Reference to other sections*

See section(s): 8, 13.

7. Handling and storage



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7.1. *Precautions for safe handling*

Precautions for safe handling: Keep away from sources of ignition - No smoking. Avoid all unnecessary exposure.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Do not drink, eat or smoke in the workplace.

7.2. *Conditions for safe storage, including any incompatibilities*

Storage conditions: Keep away from heat. Protect from freezing. Keep out of the reach of children.

Prohibitions on mixed storage: Keep away from food, drink and animal feeding stuffs.

Storage area: Store in dry, cool, well-ventilated area. Keep container tightly closed.

Packaging materials: Store in original container.

7.3. *Specific end use(s)*

No additional information available.

8. Exposure controls/personal protection

8.1. *Control parameters*

No additional information available.

8.2. *Exposure controls*

Appropriate engineering controls: Ventilate area. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Gloves. Protective clothing. Safety glasses. High gas/vapour concentration: gas mask.

Hand protection: Chemical resistant gloves (according to European standard NF EN 374 or equivalent), e.g. PVC gloves - Nitrile-rubber protective gloves. Since the product consists of several substances, it is not possible to estimate the durability of the glove material beforehand and it therefore needs to be tested before use.

Eye protection: Wear tight fitting safety glasses or face shield.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: No respiratory protection needed under normal use



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conditions. High gas/vapour concentration: gas mask.

Environmental exposure controls: Avoid release to the environment.

Other information: Keep away from food, drink and animal feeding stuffs.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	Clear brown
Odour	petroleum-like odour.
Odour threshold	No data available
pH	No data available
Relative evaporation rate	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	0,8 g/cm ³ (20 °C)
Solubility	Water: Insoluble
Log Pow	No data available
Viscosity, kinematic	<22,5mm ² /s (40°C) (estimated value)
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2. *Other information*
No additional information available.

10. Stability and reactivity

10.1. *Reactivity*
No additional information available.

10.2. *Chemical stability*



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Stable under use and storage conditions as recommended in section 7.

10.3. *Possibility of hazardous reactions*
No dangerous reactions known.

10.4. *Conditions to avoid*
Keep away from open flames, hot surfaces and sources of ignition.

10.5. *Incompatible materials*
Strong acids. Oxidizing agent.

10.6. *Hazardous decomposition products*
When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, fumes, nitrogen oxides (NO_x).

11. Toxicological information

11.1. *Information on toxicological effects*
Acute toxicity: Not classified
The product has not been tested
Estimated on the basis of the constituents.

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LD50 oral rat	> 2000 mg/kg
LC50 inhalation	> 20mg/l/u
Could cause irritation to the eyes	

Skin corrosion/irritation: May cause slight irritation

Serious eye damage/irritation: May cause eye irritation

Respiratory or skin sensitisation: No sensitizing effect known

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Could cause dizziness and sleepiness.

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



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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.

12. Ecological information

- 12.1. *Toxicity*
Ecology - general: Do not allow into drains or water courses.
- 12.2. *Persistence and degradability*
No additional information available
- 12.3. *Bioaccumulative potential*
No additional information available
- 12.4. *Mobility in soil*
No additional information available
- 12.5. *Results of PBT and vPvB assessment*
No additional information available
- 12.6. *Other adverse effects*
No additional information available

13. Disposal considerations

- 13.1. *Waste treatment methods*
Regional legislation (waste): Disposal must be done according to official regulations.
- Sewage disposal
recommendations: Do not discharge into drains.
- Waste disposal
recommendations: If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.

14. Transport information

14.1 – 14.6

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General instructions	
UN-number	1219
Transport by road / rail (ADR / RID)	
Proper Shipping Name	ISO PROPANOL, MIXTURE



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Transport hazard class	3
Packing group	II
Classification	F1
LQ (ADR 2013)	1L
LQ (ADR 2009)	4
Environmental hazards	NO
Tunnel restriction code	D/E
Sea transport (IMDG Code)	
Proper Shipping Name	ISO PROPANOL, MIXTURE
Transport hazard class	3
Packing group	II
EmS	F-E,-S-D
Marine pollution	NO
Environmental hazards	NO
Air Transport (IATA)	
Proper Shipping Name	Iso propanol mixture
Transport hazard class	3
Packing group	II
Environmental hazards	No

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

15. Regulatory information

15.1. *Safety, health and environmental regulations/legislation specific for the substance or mixture*

EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

National regulations

Germany

Water hazard class (WGK): 1 - low hazard to waters

WGK remark: (estimated value)

15.2. *Chemical safety assessment*

No chemical safety assessment has been carried out.



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16. Other information

Indication of changes:

Identification of the substance/mixture and of the company/undertaking. Hazards identification. Composition/information on ingredients. First aid measures. Firefighting measures. Accidental release measures. Handling and storage. Exposure controls/personal protection. Physical and chemical properties. Stability and reactivity. Toxicological information. Ecological information. Disposal considerations. Transport information. Regulatory information. Other information

Data sources:

Echa.europa.eu
Manufacturer/supplier
Richtsnoer voor etikettering en verpakking in overeenstemming met
Verordening (EG) nr. 1272/2008
Regulation (EC) no. 1272/2008

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

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.