



## Fuel System Cleaner Bike Line 2-Stroke

Print date: 26.08.2010

Product code: 291

Page 1 of 7

### 1. Identification of the substance/preparation and of the company/undertaking

#### Identification of the substance or preparation

Fuel System Cleaner Bike Line 2-Stroke

#### Use of the substance/preparation

Cleaning agent for Fuel Systems

#### Company/undertaking identification

Company name: CTP-GmbH  
Street: Saalfelder Straße 35  
Place: D-07338 Leutenberg  
Telephone: +4936734/230-0  
e-mail: hotline@ctp-gmbh.de  
Contact person: Jens Moeller, Dipl.-Chem.  
Internet: www.ctp-gmbh.de  
Telefax: +4936734/230-22  
Telephone: +4936734/230-19

#### Further Information

Article Number: 33057

### 2. Hazards identification

#### Classification

Indications of danger : Highly flammable, Harmful, Irritant

R-phrases:

Highly flammable.

Harmful: may cause lung damage if swallowed.

Vapours may cause drowsiness and dizziness.

Irritating to eyes and skin.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 3. Composition/information on ingredients

#### Chemical characterization ( Mixture )

Surface tension compounds

Detergents, Dispersants

Synthetic agent combinations

Anti wear agents not classified

Sum of ingredients:

25 - 65 %

#### Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
215-535-7	1330-20-7	xylene	30 - 35 %	Xn, Xi R10-20/21-38
265-149-8	64742-47-8	Distillates (petroleum, gasoline), hydrotreated light	15 - 30 %	Xn R65
	N/A	ketone	20 - 30 %	F, Xi R11-36-66-67
200-661-7	67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	15 - 25 %	F, Xi R11-36-67
	37205-87-1	phenole, ethoxylised	1 - 5 %	Xn, Xi, N R22-41-51-53
265-198-5	64742-94-5	Solvent naphtha (petroleum, gasoline), heavy arom.	1 - 5 %	Xn R10-65
	N/A	Alcohol propoxilised	1 - 5 %	R52

Full text of each relevant R phrase can be found in heading 16.



## Fuel System Cleaner Bike Line 2-Stroke

Print date: 26.08.2010

Product code: 291

Page 2 of 7

### 4. First aid measures

#### General information

Move victim to fresh air. Put victim at rest and keep warm.

#### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

In case of difficulties of breathing consult physician.

If victim is at risk of losing consciousness, position and transport on their side.

#### After contact with skin

Take off immediately all contaminated clothing, including underwear and shoes .

After contact with skin, wash immediately with plenty of Water and soap.

Rub in high-fat content cream.

#### After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

Consult physician.

#### After ingestion

Let water be swallowed in little sips (dilution effect). Consult physician.

#### Advice to doctor

Warning about danger of aspiration.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Extinguishing powder. Sand. alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>).

#### Extinguishing media which must not be used for safety reasons

High power water jet.

#### Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Formation of decomposition products possible.

In case of fire and/or explosion do not breathe fumes.

#### Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Cool endangered container in case of fire.

Contaminated fire-fighting water must be collected separately.

### 6. Accidental release measures

#### Personal precautions

In case of fire: Wear self-contained breathing apparatus.

Keep away from sources of ignition. No smoking.

#### Environmental precautions

Beat down gas/vapours/mist with water spray.

Do not empty into drains or the aquatic environment.

In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

#### Methods for cleaning up/taking up

Prevent spreading of spillages (e.g. by oil barrier).

Wipe up with absorbent material (eg. cloth, fleece).

### 7. Handling and storage

#### Handling



## Fuel System Cleaner Bike Line 2-Stroke

Print date: 26.08.2010

Product code: 291

Page 3 of 7

### Advice on safe handling

Closed devices. Vapours / aerosols must be extracted by suction immediately at point of origin.  
Avoid contact with skin and eyes.

### Advice on protection against fire and explosion

Keep away from sources of ignition. No smoking. Take precautionary measures against static discharges.

### Storage

#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

#### Further information on storage conditions

Packaging materials: metal.

## 8. Exposure controls/personal protection

### Exposure limit values

#### Exposure limits (EH40)

CAS-No.	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
1330-20-7	Xylene, o-, m-, p- or mixed isomers	50	220		TWA (8 h)	WEL
		100	441		STEL (15 min)	WEL

#### Biological Monitoring Guidance Values (EH40)

CAS-No.	Chemical name	Parameter	Value	Test material	Sampling time
1330-20-7	Xylene, o-, m-, p- or mixed isomers	methyl hippuric acid	650 mmol/mol	urine	Post shift

### Exposure controls

#### Protective and hygiene measures

When using do not eat, drink or smoke.  
"Wash hands when done working with material; at breaks, lunch, shift changes, etc."

#### Respiratory protection

In case of accumulation of fumes/aerosols, provide adequate ventilation.  
In case of insufficient ventilation, wear suitable respiratory equipment.

#### Hand protection

Tested protective gloves are to be worn: Butyl rubber. (EN 374)

#### Eye protection

Wear tightly sealed safety glasses against possible splashes into the eyes. (EN 166)

#### Skin protection

Wear suitable solvent-proof protective clothing according to EN 465.

## 9. Physical and chemical properties

### General information

Physical state: liquid  
Colour: colored  
Odour: aromatic

### Important health, safety and environmental information

Test method

#### Changes in the physical state



## Fuel System Cleaner Bike Line 2-Stroke

Print date: 26.08.2010

Product code: 291

Page 4 of 7

Boiling point:	110 - 116 °C
Flash point:	-5 °C
Lower explosion limits:	0,6 vol. %
Upper explosion limits:	12 vol. %
Ignition temperature:	> 200 °C
Vapour pressure: (at 20 °C)	20 hPa
Density (at 20 °C):	0.78-0.82 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	insoluble
Solubility in other solvents:	Organic solvents

### 10. Stability and reactivity

#### Conditions to avoid

Only use material in places where open light, fire and other sources of ignition can be kept away.

#### Materials to avoid

Oxidizing agents, acid, concentrated. Alkalis (alkalis), concentrated.

#### Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>).

### 11. Toxicological information

#### Acute toxicity

LD50(oral, rat) > 2000 mg/Kg.

#### Corrosive and irritant effects

After skin contact: Frequently or prolonged contact with skin may cause dermal irritation.

Irritation of eyes: Irritant effect possible.

After ingestion:

Harmful: may cause lung damage if swallowed.

### 12. Ecological information

#### Ecotoxicity

Distillates(petroleum, gasoline)

Fish, LC50, 1-10 mg/l

Algae, IC50, 1-10 mg/l

Toluene

Fish, LC50, 1-10 mg/l

Daphnia, EC50, 10-100 mg/l

Algae, IC50, > 100 mg/l

Bacteria, EC50, > 100 mg/l

Propan-2-ol

Fish, LC50(48h), 8970 mg/l

Daphnia, EC50, > 1000 mg/l

Algae, EC50(72h) > 1000mg/l

Bacteria, IC50, 5175 mg/l

#### Persistence and degradability

Product is biodegradable.

## Fuel System Cleaner Bike Line 2-Stroke

Print date: 26.08.2010

Product code: 291

Page 5 of 7

### Bioaccumulative potential

Swims on the water. Low potential of bio-accumulation.

## 13. Disposal considerations

### Advice on disposal

Do not dispose with household waste.

Do not empty into drains or the aquatic environment.

Have to add a Special treatment in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Arrange about the exact waste code with the local waste disposal expert.

### Contaminated packaging

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

Do not pierce, cut up or weld unclean container. (Explosion hazard.)

## 14. Transport information

### Land transport (ADR/RID)

UN number: 1993

ADR/RID class: 3

Classification code: F1

Warning plate

Hazard-no.: 33

Hazard label: 3



ADR/RID packing group: II

Limited quantity: LQ4

Tunnel restriction code: D/E

### Description of the goods

FLAMMABLE LIQUID, N.O.S.

### Inland waterways transport

UN number: 1993

ADNR class: 3

Classification code: F1

Hazard label: 3



Packing group: II

Limited quantity: LQ4

### Description of the goods

FLAMMABLE LIQUID, N.O.S.

### Marine transport

UN number: 1993

IMDG code: 3

Marine pollutant: •

**Fuel System Cleaner Bike Line 2-Stroke**

Print date: 26.08.2010

Product code: 291

Page 6 of 7

Hazard label: 3



IMDG packing group: II  
EmS: F-E, S-E  
Limited quantity: 1 L

**Description of the goods**

FLAMMABLE LIQUID, N.O.S.

**Air transport**

UN/ID number: 1993  
ICAO/IATA-DGR: 3  
Hazard label: 3



ICAO packing group: II  
Limited quantity Passenger: 1 L  
IATA-packing instructions - Passenger: 305  
IATA-max. quantity - Passenger: 5 L  
IATA-packing instructions - Cargo: 307  
IATA-max. quantity - Cargo: 60 L

**Description of the goods**

FLAMMABLE LIQUID, N.O.S.

**15. Regulatory information**

**Labelling**

Danger symbols: F - Highly flammable; Xn - Harmful



F - Highly flammable

Xn - Harmful

**Hazardous components which must be listed on the label**

Xylene.  
Distillates (petroleum), hydrotreated light, Kerosine - unspecified Xylene.

**R phrases**

- 11 Highly flammable.
- 65 Harmful: may cause lung damage if swallowed.
- 67 Vapours may cause drowsiness and dizziness.
- 36/38 Irritating to eyes and skin.
- 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S phrases**

- 02 Keep out of the reach of children.
- 46 If swallowed, seek medical advice immediately and show this container or label.



## Fuel System Cleaner Bike Line 2-Stroke

Print date: 26.08.2010

Product code: 291

Page 7 of 7

### EU regulatory information

#### Additional information

Contains:

< 5 % Phenols.

15 - 30 % hydrocarbons, aliphatic.

> 30 % hydrocarbons, aromatic.

### National regulatory information

Water contaminating class (D): 2 - water contaminating

## 16. Other information

### Full text of R-phrases referred to under sections 2 and 3

- |       |   |
|-------|---|
| 10    | Flammable.  |
| 11    | Highly flammable.   |
| 20/21 | Harmful by inhalation and in contact with skin.   |
| 22    | Harmful if swallowed.   |
| 36    | Irritating to eyes.   |
| 36/38 | Irritating to eyes and skin.  |
| 38    | Irritating to skin.   |
| 41    | Risk of serious damage to eyes.   |
| 48/20 | Harmful: danger of serious damage to health by prolonged exposure through inhalation.         |
| 51    | Toxic to aquatic organisms.   |
| 52    | Harmful to aquatic organisms.   |
| 52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 53    | May cause long-term adverse effects in the aquatic environment.                               |
| 65    | Harmful: may cause lung damage if swallowed.  |
| 66    | Repeated exposure may cause skin dryness or cracking.   |
| 67    | Vapours may cause drowsiness and dizziness.   |

### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*