

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Autoprofi Cetane Booster

Print date: 14.12.2011

Product code: 703

Page 1 of 7

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Autoprofi Cetane Booster

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

Use of the substance/mixture

Increase the cetane number.

Details of the supplier of the safety data sheet

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

Further Information

Article Number: 43216-1

SECTION 2: Hazards identification

Classification of the substance or mixture

Indications of danger : Harmful

R-phrases:

Risk of explosion if heated under confinement.

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

Harmful: may cause lung damage if swallowed.

Label elements

Danger symbols: Xn - Harmful



Xn - Harmful

Hazardous components which must be listed on the label

Distillates (petroleum, gasoline), hydrotreated light

2-Ethyl hexyl nitrate

R phrases

44	Risk of explosion if heated under confinement.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.

S phrases

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

SECTION 3: Composition/information on ingredients

Mixtures

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Autoprofi Cetane Booster

Print date: 14.12.2011

Product code: 703

Page 2 of 7

Chemical characterization

Petroleum (Gasoline)

Additives

Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
265-149-8	Distillates (petroleum, gasoline), hydrotreated light	85 - 90 %
64742-47-8	Xn R10-65	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H336 H304 H411	
248-363-6	2-Ethyl hexyl nitrate	15 - 20 %
27247-96-7	Xn, N R20/21-44-51-53-65	
	Acute Tox. 4, Acute Tox. 4, Asp. Tox. 1, Aquatic Chronic 2; H332 H312 H304 H411	

Full text of R- and H-phrases: see section 16.

SECTION 4: First aid measures

Description of first aid measures

General information

No special measures are necessary.

After inhalation

Move victim out of danger zone. Provide fresh air. Consult physician.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

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

After ingestion

Do not induce vomiting. Consult physician.

Most important symptoms and effects, both acute and delayed

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.

Harmful by inhalation.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Water spray. Sand. Foam. Carbon dioxide. dry extinguishing powder.

Extinguishing media which must not be used for safety reasons

High power water jet.

Advice for firefighters

Use appropriate respiratory protection.

Additional information

Contaminated fire-fighting water must not get into the sewerage network.

SECTION 6: Accidental release measures

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Autoprofi Cetane Booster

Print date: 14.12.2011

Product code: 703

Page 3 of 7

Personal precautions, protective equipment and emergency procedures

- Remove all sources of ignition. Provide adequate ventilation.
- Avoid contact with skin and eyes.
- Do not breathe gas/fumes/vapour/spray.
- Take precautionary measures against static discharges.

Environmental precautions

- Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

- Suitable absorbing material: Sand Kieselguhr. Universal binding agent. Sawdust.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

- Avoid formation of fumes/aerosols.
- Do not breathe gas/fumes/vapour/spray.
- Do not pierce, cut up or weld unclean container.

Advice on protection against fire and explosion

- When hot, product develops flammable vapors.
- Keep away from sources of ignition. No smoking.
- Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

- Keep container tightly closed. Do not store at temperatures over: 50 °C
- Provide for good ventilation, when develop aerosols/mist.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Occupational exposure controls

- hydrocarbons.
- group 1
- 200 ml/m³ (ppm) 1000 mg/m³

Protective and hygiene measures

- Avoid contact with skin, eye and clothing.

Respiratory protection

- Respiratory protection: not required.

Hand protection

- Tested protective gloves are to be worn: NBR (Nitrile rubber).

Eye protection

- Suitable eye protection: Wear tightly sealed safety glasses against possible splashes into the eyes.

Skin protection

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

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	aromatic

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Autoprofi Cetane Booster

Print date: 14.12.2011

Product code: 703

Page 4 of 7

Test method

Changes in the physical state

Boiling point:	180 - 220 °C
Flash point:	> 63 °C
Lower explosion limits:	0,73 vol. %
Upper explosion limits:	6 vol. %
Ignition temperature:	> 200 °C
Density (at 20 °C):	0,81 - 0,83 g/cm ³
Water solubility:	insoluble

SECTION 10: Stability and reactivity

Conditions to avoid

- No decomposition when used as intended.
- Only use material in places where open light, fire and other sources of ignition can be kept away.

Incompatible materials

- Oxidizing agents.

Hazardous decomposition products

- Hazardous decomposition products: Carbon monoxide. Carbon dioxide. Nitrogen oxides (NOx).

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

CAS No.	Chemical name					
	Exposure routes	Method	Dose	Species	h	Source
64742-47-8	Distillates (petroleum, gasoline), hydrotreated light					
	Acute oral toxicity	LD50 mg/kg	>15000	rat.		
	Acute dermal toxicity	LD50	3400 mg/kg	rat.		
	Acute inhalation toxicity	LC50	13100 mg/l	rat.		
27247-96-7	2-Ethyl hexyl nitrate					
	Acute oral toxicity	LD50	>5000 mg/kg	rat.		
	Acute dermal toxicity	LD50	>2000 mg/kg	Rabbit.		
	Acute inhalation toxicity	LC50	5-50 mg/l	rat.	4	

Irritation and corrosivity

- Irritant effect on the eye: irritant.
- Irritant effect on the skin: Frequently or prolonged contact with skin may cause dermal irritation.

Carcinogenic/mutagenic/toxic effects for reproduction

- No Carcinogenic, germ cell mutagen and reproduction effects

SECTION 12: Ecological information

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Autoprofi Cetane Booster

Print date: 14.12.2011

Product code: 703

Page 5 of 7

Toxicity

CAS No.	Chemical name						
	Aquatic toxicity	Method	Dose	Species	h	Source	
64742-47-8	Distillates (petroleum, gasoline), hydrotreated light						
	Acute fish toxicity	LC50	10 mg/l	Oncorhynchus mykiss	96		
	Acute algae toxicity	ErC50	4,6 mg/l	Pseudokirchneriella subcapitata	72		
	Acute crustacea toxicity	EC50	10 mg/l	Daphnia magna	48		
27247-96-7	2-Ethyl hexyl nitrate						
	Acute fish toxicity	LC50	100-1000 mg/l	Fish	96		
	Acute crustacea toxicity	EC50	1-10 mg/l	Daphnia magna	48		

Bioaccumulative potential

Low potential of bio-accumulation.

Further information

Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations

Waste treatment methods

Advice on disposal

Waste disposal according to official state regulations.
 Carry out under observation of official regulations covering a chemical/physical treatment plant.
 According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.
 Arrange about the exact waste code with the local waste disposal expert.

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Do not dispose with household waste.
 Do not empty into drains or the aquatic environment.
 Do not pierce, cut up or weld unclean container.

SECTION 14: Transport information

Land transport (ADR/RID)

UN number:

UN3082

UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport hazard class(es):

9

Packing group:

III

Hazard label:

9



Classification code:

M6

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Autoprofi Cetane Booster

Print date: 14.12.2011

Product code: 703

Page 6 of 7

Special Provisions: 274 335 601
 Limited quantity: 5 L
 Transport category: 3
 Hazard-no.: 90
 Tunnel restriction code: E

Inland waterways transport

UN number: UN3082
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es): 9
Packing group: III
 Hazard label: 9



Classification code: M6
 Special Provisions: 274 335 601
 Limited quantity: 5 L

Marine transport

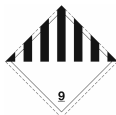
UN number: UN3082
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es): 9
Packing group: III
 Hazard label: 9



Marine pollutant: P
 Special Provisions: 274, 335
 Limited quantity: 5 L
 EmS: F-A, S-F

Air transport

UN/ID number: UN3082
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es): 9
Packing group: III
 Hazard label: 9



Special Provisions: A97 A158
 Limited quantity Passenger: 30 kg G
 IATA-packing instructions - Passenger: 964
 IATA-max. quantity - Passenger: 450 L
 IATA-packing instructions - Cargo: 964
 IATA-max. quantity - Cargo: 450 L

Environmental hazards

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Autoprofi Cetane Booster

Print date: 14.12.2011

Product code: 703

Page 7 of 7

Dangerous for the environment: yes



SECTION 15: Regulatory information

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

EU regulatory information

Additional information

Contains:
> 30 % aliphatic hydrocarbons

National regulatory information

Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information

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

10	Flammable.
20/21	Harmful by inhalation and in contact with skin.
44	Risk of explosion if heated under confinement.
51	Toxic 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.

Full text of H-Statements referred to under sections 2 and 3

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

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.)