

according to Regulation (EC) No 1907/2006

Autoprofi Lead Substitute Concentrate 1:1000

Revision date: 12.09.2016

Product code: 1093

Page 1 of 9

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

1.1. Product identifier

Autoprofi Lead Substitute Concentrate 1:1000

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

Use of the substance/mixture

Lubricant and lubricant additive

1.3. Details of the supplier of the safety data sheet

Company name:	CTP GmbH	
Street:	Saalfelder Strasse 35h	
Place:	D-07338 Leutenberg	
Telephone:	+49 (0)36734 230-0	Telefax: +49 (0)36734 230-22
e-mail:	msds@bluechemgroup.com	
Contact person:	Jens Moeller, Dipl.-Chem.	Telephone: +49 (0)36734 230-19
Internet:	www.bluechemgroup.com	

1.4. Emergency telephone number:

For Germany: +49-361-730730 (24 hours/7 days)

Further Information

Article Number: 43222

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 3

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Specific target organ toxicity - single exposure: STOT SE 3

Aspiration hazard: Asp. Tox. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Flammable liquid and vapour.

Causes skin irritation.

Causes serious eye damage.

May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways.

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Hydrocarbons, C9-C11, n-Alkanes, Isoalkanes, Cyclenes, < 2% Aromates

Hydrocarbons, C9-C11, Isoalkanes, Cycloalkanes, < 2% Aromates

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Potassium-1,2-bis(2-ethylhexyloxycarbonyl)ethane-sulphonate

Signal word: Danger

Pictograms:



according to Regulation (EC) No 1907/2006

Autoprofi Lead Substitute Concentrate 1:1000

Revision date: 12.09.2016

Product code: 1093

Page 2 of 9

Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P405	Store locked up.
P501	Dispose of this material and its container to hazardous or special waste collection point.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Petroleum (Gasoline)

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-48-9	Hydrocarbons, C9-C11, n-Alkanes, Isoalkanes, Cyclenes, < 2% Aromates			50 - < 55 %
	919-857-5		01-2119463258-33	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066			
64742-47-8	Hydrocarbons, C9-C11, Isoalkanes, Cycloalkanes, < 2% Aromates			20 - < 25 %
	920-134-1		01-2119480153-44	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H336 H304 H411 EUH066			
64742-47-8	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics			10 - < 15 %
	926-141-6		01-2119456620-43	
	Asp. Tox. 1; H304 EUH066			
7491-09-0	Potassium-1,2-bis(2-ethylhexyloxycarbonyl)ethane-sulphonate			10 - < 15 %
	231-308-5			
	Skin Irrit. 2, Eye Dam. 1; H315 H318			

Full text of H and EUH statements: see section 16.

according to Regulation (EC) No 1907/2006

Autoprofi Lead Substitute Concentrate 1:1000

Revision date: 12.09.2016

Product code: 1093

Page 3 of 9

SECTION 4: First aid measures

4.1. Description of 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 greasy ointment into the skin.

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 drunken in little sips (dilution effect). Consult physician.

4.2. 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.

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

Warning about danger of aspiration.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing powder. Sand. alcohol resistant foam. Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Formation of decomposition products possible.

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

5.3. Advice for firefighters

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

Keep away from sources of ignition. - No smoking.

6.2. Environmental precautions

Beat down gas/vapours/mist with water spray.

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

according to Regulation (EC) No 1907/2006

Autoprofi Lead Substitute Concentrate 1:1000

Revision date: 12.09.2016

Product code: 1093

Page 4 of 9

6.3. Methods and material for containment and cleaning up

Prevent spreading of spillages (e.g. by oil barrier).
Wipe up with absorbent material (eg. cloth, fleece).

6.4. Reference to other sections

No data

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

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

Further information on storage conditions

Packaging materials: metal.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

When using do not eat, drink or smoke.
Wash hands before breaks and after work.

Eye/face protection

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

Hand protection

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

Skin protection

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

Respiratory protection

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	transparent
Odour:	characteristic

Test method

Changes in the physical state

Initial boiling point and boiling range:	145 - 200 °C
Flash point:	35 °C

according to Regulation (EC) No 1907/2006

Autoprofi Lead Substitute Concentrate 1:1000

Revision date: 12.09.2016

Product code: 1093

Page 5 of 9

Lower explosion limits:	0,6 vol. %
Upper explosion limits:	6,5 vol. %
Ignition temperature:	> 200 °C
Vapour pressure: (at 20 °C)	4 hPa
Density (at 20 °C):	0.790 - 0.82 g/cm ³
Water solubility: (at 20 °C)	insoluble

Solubility in other solvents

Organic solvents

9.2. Other information

No data

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No decomposition when used as intended.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

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

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Carbon monoxide (CO).

Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

according to Regulation (EC) No 1907/2006

Autoprofi Lead Substitute Concentrate 1:1000

Revision date: 12.09.2016

Product code: 1093

Page 6 of 9

Acute toxicity

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
64742-48-9	Hydrocarbons, C9-C11, n-Alkanes, Isoalkanes, Cyclenes, < 2% Aromates			
	oral	LD50 >5000 mg/kg	Rat	
	dermal	LD50 >5000 mg/kg	Rabbit	
	inhalative (4 h) aerosol	LC50 >5 mg/l	Rat	
64742-47-8	Hydrocarbons, C9-C11, Isoalkanes, Cycloalkanes, < 2% Aromates			
	oral	LD50 >5000 mg/kg	Rat	
	dermal	LD50 >5000 mg/kg	Rabbit	
	inhalative (4 h) aerosol	LC50 >5 mg/l	Rat	
64742-47-8	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
	oral	LD50 > 5000 mg/kg	Rat	
	dermal	LD50 > 5000 mg/kg	Rabbit	
	inhalative (4 h) vapour	LC50 > 5000 mg/l	Rat	

Irritation and corrosivity

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.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
64742-48-9	Hydrocarbons, C9-C11, n-Alkanes, Isoalkanes, Cyclenes, < 2% Aromates				
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Oncorhynchus mykiss	
	Acute algae toxicity	ErC50 >1000 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 1000 mg/l	48 h	Daphnia magna	
64742-47-8	Hydrocarbons, C9-C11, Isoalkanes, Cycloalkanes, < 2% Aromates				
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Oncorhynchus mykiss	
	Acute algae toxicity	ErC50 >1000 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 1000 mg/l	48 h	Daphnia magna	
7491-09-0	Potassium-1,2-bis(2-ethylhexyloxycarbonyl)ethane-sulphonate				
	Acute fish toxicity	LC50 >100 mg/l	96 h	Fish	
	Acute algae toxicity	ErC50 >100 mg/l	72 h	Algae	
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna (Big water flea)	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Swims on the water.

Low potential of bio-accumulation.

according to Regulation (EC) No 1907/2006

Autoprofi Lead Substitute Concentrate 1:1000

Revision date: 12.09.2016

Product code: 1093

Page 7 of 9

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64742-47-8	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	6 - 8

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not dispose with household waste.

Do not allow to enter into surface water or drains.

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.)

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	UN 1993
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S.
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3



Classification code:	F1
Special Provisions:	274 601 640E
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

Inland waterways transport (ADN)

14.1. UN number:	UN 1993
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S.
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3

according to Regulation (EC) No 1907/2006

Autoprofi Lead Substitute Concentrate 1:1000

Revision date: 12.09.2016

Product code: 1093

Page 8 of 9



Classification code: F1
Special Provisions: 274 601 640E
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Marine pollutant: -
Special Provisions: 223, 274, 955
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-E, S-E

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Special Provisions: A3
Limited quantity Passenger: 10 L
Passenger LQ: Y344
Excepted quantity: E1
IATA-packing instructions - Passenger: 355
IATA-max. quantity - Passenger: 60 L
IATA-packing instructions - Cargo: 366
IATA-max. quantity - Cargo: 220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

SECTION 15: Regulatory information

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

according to Regulation (EC) No 1907/2006

Autoprofi Lead Substitute Concentrate 1:1000

Revision date: 12.09.2016

Product code: 1093

Page 9 of 9

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28: Hydrocarbons, C9-C11, n-Alkanes, Isoalkanes, Cyclenes, < 2% Aromates

National regulatory information

Water contaminating class (D): 2 - water contaminating

15.2. Chemical safety assessment

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

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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.)