

## Safety data sheet

Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 02.09.2020 Version: 2.0

**TRADE NAME: ETG – YOUR LIFETIME PARTNER**

**Product: ETG Gasoline Additive**

**Article No.: 09.01.07.100082**

**EAN: 4051792000828**

**HS code: 38119000**

Date of print: 01.11.2020

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

#### 1.1 Product identifier

**ETG Gasoline Additive**

**EAN: 4051792000828**

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

Main use category: Industrial use, Professional use, Consumer use

Use of the substance/mixture: Fuel additive Gasoline

#### 1.3 Uses advised against

No additional information available

#### 1.4 Details of the supplier of the safety data sheet

Meyer-Glitza, Frese GmbH & Co. KG

Kirchweg 130 - 132

D-24558 Henstedt-Ulzburg

+49 (0) 40 / 2360902-0 +49 (0) 40 / 23609-22

info@meyer-glitzza.de

www.etg-de

#### 1.5 Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Germany	Giftinformationszentrum Nord (Göttingen)		+49 (0)551/19240	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Hazard categories:

Acute toxicity: Acute Tox. 4

Aspiration hazard: Asp. Tox. 1

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Harmful if inhaled.

May be fatal if swallowed and enters airways.

#### contact:

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Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.  
Harmful to aquatic life with long lasting effects.

## 2.2. Label elements

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

### Hazard components for labelling

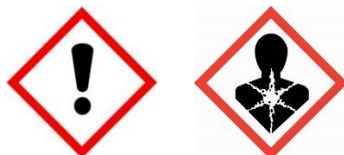
2-ethylhexanol

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hydrocarbons, C10, aromatics, >1% naphthalene

**Signal word:** Danger

**Pictograms:**



### Hazard statements

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
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.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.  
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

### 3.1. Mixture

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
104-76-7	2-ethylhexanol			60 - < 80 %
	203-234-3			
	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H332 H315 H319 H335			
	Phenol, (dimethylamino)methyl-, polyisobutylene derivs.			10 - < 20 %
	Aquatic Chronic 3; H412			



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64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics		10 - < 20 %
	918-481-9		01-2119457273-39
	Asp. Tox. 1; H304 EUH066		
1189173-42-9	Hydrocarbons, C10, aromatics, >1% naphthalene		1 - < 10 %
	919-284-0		
	STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H336 H304 H411		
91-20-3	naphthalene		1 - < 10 %
	202-049-5	601-052-00-2	
	Carc. 2, Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1; H351 H302 H400 H410		

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary

#### After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

#### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### After ingestion

Observe risk of aspiration if vomiting occurs. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

No information available.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. In case of fire, use sand, extinguishing powder or alcohol resistant foam.

#### Unsuitable extinguishing media

High power water jet.

### 5.3. Special hazards arising from the substance or mixture

Non-flammable. Vapours can form explosive mixtures with air.

### 5.4. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

### 5.5. Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.



#### contact:



## SECTION 6: Accidental release measures

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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal

### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas / fumes / vapour / spray.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations

#### Hints on joint storage

No special measures are necessary.

### 7.3. Specific end use(s)

Cleaning agent for fuel systems

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Exposure limits (EH40)

CAS No.	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
104-76-7	2-ethylhexan-1-ol	1	5.4		TWA (8 h)	EU
91-20-3	Naphthalene	10	50		TWA (8 h)	EU

### 8.2. Exposure controls



#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.



#### contact:



Wash hands and face before breaks and after work and take a shower if necessary . When using do not eat or drink, smoke, sniff.

**Eye/face protection**

Suitable eye protection: goggles.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

@1501.B151149.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour :	yellow
Odour :	characteristic.

**Test method**

**Changes in the physical state**

Melting point:	Not determined
Initial boiling point and boiling range:	184 °C
Flash point:	> 61 °C

**Explosive properties**

Lower Explosion limits:	The product is not: Explosive
Upper Explosion limits:	0,6 vol. %
	12.7 vol. %

**Oxidizing properties**

Vapour pressure (at 20 °C)	Not oxidising.
Density (at 20 °C):	<1 hPa

Density (at 20 °C):	0.85 g/cm <sup>3</sup> DIN 12185
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Water solubility:	practically insoluble
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**Solubility in other solvents**

Partition coefficient:	Not determined
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Viscosity / kinematic (at 40 °C)	Not determined
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Vapour density:	<20 mm <sup>2</sup> /s
	Not determined

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

### 10.4. Conditions to avoid

Oxidising agents, strong

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.



**contact:**



## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### ATE<sub>mix</sub> calculated

ATE (inhalation vapour) 15,71 mg/l; ATE (inhalation aerosol) 2,143 mg/l

#### Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
104-76-7	2-ethylhexanol				
	oral	LD50 2047 mg/kg	Rat	OECD 401	
	dermal	LD50 >3000 mg/kg	Rat	OECD 402	
	inhalation vapour	ATE 11 mg/l			
	inhalation aerosol	ATE 1.5 mg/l			
64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics				
	oral	LD50 >5000 mg/kg	Rat	OECD 401	
	dermal	LD50 >5000 mg/kg	Rabbit	OECD402	
	inhalation (4 h) aerosol	LC50 >5 mg/l	Rat	OECD403	
91-20-3	naphthalene				
	oral	ATE 500 mg/kg			

#### Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. Special hazards arising from the substance or mixture!

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h][d]	Species	Source	Method
104-76-7	2-ethylhexanol					
	Acute fish toxicity	LD50 17.1 mg/kg	96h	Leuciscus idus (golden orfe)		
	Acute algae toxicity	Erc50 11,5 mg/l	72h	Scenedesmus quadricauda		
	Acute crustacea toxicity	Erc50 39 mg/l	48h	Daphnia magna (Big water flea)		
64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics					
	Acute fish toxicity	LC50 1000 mg/l	96h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	LC50 1000 mg/l	72h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 1000 mg/l	48h	Daphnia magna (Big water flea)		



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## 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
104-76-7	2-ethylhexanol				
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	>80%	14		
64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics				
		80%	28		

## 12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	4.2-7.2

## 12.4. Mobility in soil

The product has not been tested.

## 12.5. Results of PBT and vPvB assessment

The product has not been tested.

## 12.6. Other adverse effects

No information available.

### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Contaminated packaging

@1301.B130039 Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

- 14.1. **UN number:** No dangerous good in sense of this transport regulation.  
 14.2. **UN proper shipping name:** No dangerous good in sense of this transport regulation.  
 14.3. **Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
 14.4. **Packing group:** No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

- 14.1. **UN number:** No dangerous good in sense of this transport regulation.  
 14.2. **UN proper shipping name:** No dangerous good in sense of this transport regulation.  
 14.3. **Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
 14.4. **Packing group:** No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

- 14.1. **UN number:** No dangerous good in sense of this transport regulation.  
 14.2. **UN proper shipping name:** No dangerous good in sense of this transport regulation.  
 14.3. **Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
 14.4. **Packing group:** No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

- 14.1. **UN number:** No dangerous good in sense of this transport regulation.  
 14.2. **UN proper shipping name:** No dangerous good in sense of this transport regulation.



#### contact:



14.3.	<b>Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
14.4.	<b>Packing group:</b>	No dangerous good in sense of this transport regulation.
14.5.	<b>Environmental hazards</b>	
	<b>ENVIRONMENTALLY HAZARDOUS:</b>	No
14.6.	<b>Special precautions for user</b>	No information available.
14.7.	<b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	not applicable

## SECTION 15: Regulatory information

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

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Information according to 2012/18/EU Not subject to 2012/18/EU (SEVESO III)  
(SEVESO III):

#### National regulatory information

Employment restrictions:

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D):

2 - clearly water contaminating

### 15.2. Chemical safety assessment

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

## SECTION 16: Other information

#### Abbreviations and acronyms

ADR:	Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road )
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service
LC50:	Lethal concentration, 50%
LD50:	Lethal dose, 50%
CLP:	Classification, labelling and Packaging
REACH:	Registration, Evaluation and Authorization of Chemicals
GHS:	Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN:	United Nations
DNEL:	Derived No Effect Level
DMEL:	Derived Minimal Effect Level
PNEC:	Predicted No Effect Concentration
ATE:	Acute toxicity estimate
LL50:	Lethal loading, 50%
EL50:	Effect loading, 50%
EC50:	Effective Concentration 50%
ErC50:	Effective Concentration 50%, growth rate
NOEC:	No Observed Effect Concentration
BCF:	Bio-concentration factor
PBT:	persistent, bioaccumulative, toxic
vPvB:	very persistent, very bioaccumulative



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RID: Regulations concerning the international carriage of dangerous goods by rail  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord europeen relatif au transport international des marchandises dangereuses par voies de navigation interieures)  
 EmS: Emergency Schedules  
 MFAG: Medical First Aid Guide  
 ICAO: International Civil Aviation Organization  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 VOC: Volatile Organic Compounds  
 SVHC: Substance of Very High Concern  
 For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Acute Tox. 4; H302	Calculation method
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H335	Calculation method
Aquatic Chronic 3; H412	Calculation method

**Relevant H and EUH statements (number and full text)**

H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H351 Suspected of causing cancer.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 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.)



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