

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

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

- **1.1 Product identifier**
- **Trade name:** Trig-a-cap® Original yellow TP
- **Article number:** 630482000/ 630482001
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture** Spray varnish
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
A.M.P.E.R.E. SYSTEM  
3 rue Antoine Balard - Z.I. du Vert Galant  
95310 Saint-Ouen-l'Aumône - FRANCE  
Tél: + 33 1 34 64 72 72 / Fax: +33 1 30 37 55 17  
fds@amperesystem.com
- **1.4 Emergency telephone number:** 0344 892 0111

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Aerosol 1                      H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.
<hr style="border-top: 1px dashed black;"/>		
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02



GHS07

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane  
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
ethyl acetate  
Reaction mass of ethylbenzene and xylene
- **Hazard statements**  
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
H315 Causes skin irritation.

(Contd. on page 2)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

**Trade name: Trig-a-cap® Original yellow TP**

(Contd. of page 1)

- H319 Causes serious eye irritation.  
 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.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P260 Do not breathe mist/vapours/spray.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves / eye protection.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P403 Store in a well-ventilated place.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH208 Contains Fatty acids, C18-unsatd., trimers compds. with oleylamine. May produce an allergic reaction.

**2.3 Other hazards**
**Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

· **Description:** Active substance with propellant

**Dangerous components:**

CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32	butane (containing < 0.1% butadiene (203-450-8), Note K) Flam. Gas 1A, H220; Press. Gas (Comp.), H280	25-<50%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	10-<25%
EC number: 921-024-6 Reg.nr.: 01-2119475514-35	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	10-<25%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	10-<25%
CAS: 64742-48-9 EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336	2.5-<10%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	2.5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8), Note K) Flam. Gas 1A, H220; Press. Gas (Comp.), H280	2.5-<10%

(Contd. on page 3)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

**Trade name: Trig-a-cap® Original yellow TP**

(Contd. of page 2)

EC number: 905-588-0 Reg.nr.: 01-2119488216-32 01-2119486136-34	Reaction mass of ethylbenzene and xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2.5-<10%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	1-<2.5%
CAS: 13463-67-7 EINECS: 236-675-5	titanium dioxide Carc. 2, H351	0.1-<1%

· **Additional information:** The text of the hazard statements mentioned here can be found in chapter 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Water haze  
Fire-extinguishing powder  
Carbon dioxide  
Alcohol resistant foam
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

GB

(Contd. on page 4)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

Trade name: Trig-a-cap® Original yellow TP

(Contd. of page 3)

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**  
Do not spray onto a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:**  
Observe official regulations on storing packagings with pressurised containers.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

#### · 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

#### **106-97-8 butane (containing < 0.1% butadiene (203-450-8), Note K)**

WEL	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
-----	---

#### **74-98-6 propane**

OEL	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm Additioneel ingevuld tbv klant voor Hfdst3 SDS
-----	--

#### **141-78-6 ethyl acetate**

WEL	Short-term value: 1468 mg/m <sup>3</sup> , 400 ppm Long-term value: 734 mg/m <sup>3</sup> , 200 ppm
-----	--

#### **123-86-4 n-butyl acetate**

WEL	Short-term value: 966 mg/m <sup>3</sup> , 200 ppm Long-term value: 724 mg/m <sup>3</sup> , 150 ppm
-----	---

#### **75-28-5 isobutane (containing < 0,1 % butadiene (203-450-8), Note K)**

OEL	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm Additioneel ingevuld obv klant voor Hfdst 3 SDS
-----	---

#### **108-65-6 2-methoxy-1-methylethyl acetate**

WEL	Short-term value: 548 mg/m <sup>3</sup> , 100 ppm Long-term value: 274 mg/m <sup>3</sup> , 50 ppm Sk
-----	--

- **DNELs**

#### **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

Oral	DNEL Long term-systemic	699 mg/kg bw/day (Consumer)
Derma	DNEL Long term-systemic	699 mg/kg bw/day (Consumer) 773 mg/kg bw/day (Worker)

(Contd. on page 5)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

Trade name: Trig-a-cap® Original yellow TP

(Contd. of page 4)

Inhalative	DNEL Long term-systemic	608 mg/m <sup>3</sup> (Consumer) 2035 mg/m <sup>3</sup> (Worker)	
<b>141-78-6 ethyl acetate</b>			
Oral	DNEL Long term-systemic	4.5 mg/kg bw/day (Consumer)	
Dermal	DNEL Long term-systemic	37 mg/kg bw/day (Consumer) 63 mg/kg bw/day (Worker)	
Inhalative	DNEL Acute-systemic	734 mg/m <sup>3</sup> (Consumer) 1468 mg/m <sup>3</sup> (Worker)	
	DNEL Acute-local	734 mg/m <sup>3</sup> (Consumer) 1468 mg/m <sup>3</sup> (Worker)	
	DNEL Long term-systemic	367 mg/m <sup>3</sup> (Consumer) 34 mg/m <sup>3</sup> (Worker)	
	DNEL Long term-local	367 mg/m <sup>3</sup> (Consumer) 734 mg/m <sup>3</sup> (Worker)	
	<b>64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>		
	Oral	DNEL Long term-systemic	125 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	125 mg/kg bw/day (Consumer) 208 mg/kg bw/day (Worker)	
Inhalative	DNEL Long term-systemic	185 mg/m <sup>3</sup> (Consumer) 871 mg/m <sup>3</sup> (Worker)	
<b>123-86-4 n-butyl acetate</b>			
Inhalative	DNEL Acute-systemic	859.7 mg/m <sup>3</sup> (Consumer) 960 mg/m <sup>3</sup> (Worker)	
	DNEL Acute-local	859.7 mg/m <sup>3</sup> (Consumer) 960 mg/m <sup>3</sup> (Worker)	
	DNEL Long term-systemic	102.34 mg/m <sup>3</sup> (Consumer) 480 mg/m <sup>3</sup> (Worker)	
	DNEL Long term-local	102.34 mg/m <sup>3</sup> (Consumer) 480 mg/m <sup>3</sup> (Worker)	
	<b>Reaction mass of ethylbenzene and xylene</b>		
Oral	DNEL Long term-systemic	1.6 mg/kg bw/day (Consumer)	
Dermal	DNEL Long term-systemic	108 mg/kg bw/day (Consumer) 180 mg/kg bw/day (Worker)	
Inhalative	DNEL Acute-local	289 mg/m <sup>3</sup> (Worker)	
	DNEL Long term-systemic	14.8 mg/m <sup>3</sup> (Consumer) 77 mg/m <sup>3</sup> (Worker)	
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>			
Oral	DNEL Long term-systemic	1.67 mg/kg bw/day (Consumer)	
Dermal	DNEL Long term-systemic	54.8 mg/kg bw/day (Consumer) 153.5 mg/kg bw/day (Worker)	
Inhalative	DNEL Long term-systemic	33 mg/m <sup>3</sup> (Consumer) 275 mg/m <sup>3</sup> (Worker)	
<b>· PNECs</b>			
<b>141-78-6 ethyl acetate</b>			
PNEC Freshwater		0.26 mg/l (Unfind)	
PNEC Marine water		0.026 mg/l (Unfind)	

(Contd. on page 6)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

**Trade name: Trig-a-cap® Original yellow TP**

(Contd. of page 5)

PNEC Freshwater sediment	0.34 mg/l(dry weight) (Undefined)
PNEC Soil	0.22 ug/kg (Undefined)
PNEC Sewage Treatment Plant	650 mg/l (Undefined)
PNEC Marine water sediment	0.034 mg/l(dry weight) (Undefined)
<b>123-86-4 n-butyl acetate</b>	
PNEC Freshwater	0.18 mg/l (Undefined)
PNEC Marine water	0.015 mg/l (Undefined)
PNEC Freshwater sediment	0.981 mg/l(dry weight) (Undefined)
PNEC Intermittent release	0.36 (Undefined)
PNEC Soil	0.0903 ug/kg (Undefined)
PNEC Sewage Treatment Plant	35.6 mg/l (Undefined)
PNEC Marine water sediment	0.0981 mg/l(dry weight) (Undefined)
<b>Reaction mass of ethylbenzene and xylene</b>	
PNEC Freshwater	0.327 mg/l (Undefined)
PNEC Marine water	0.327 mg/l (Undefined)
PNEC Freshwater sediment	12.46 mg/l(dry weight) (Undefined)
PNEC Soil	2.31 ug/kg (Undefined)
PNEC Sewage Treatment Plant	6.58 mg/l (Undefined)
PNEC Marine water sediment	12.46 mg/l(dry weight) (Undefined)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
PNEC Freshwater	0.635 mg/l (Undefined)
PNEC Marine water	0.0635 mg/l (Undefined)
PNEC Freshwater sediment	3.29 mg/l(dry weight) (Undefined)
PNEC Intermittent release	6.35 (Undefined)
PNEC Soil	0.29 ug/kg (Undefined)
PNEC Sewage Treatment Plant	100 mg/l (Undefined)
PNEC Marine water sediment	0.329 mg/l(dry weight) (Undefined)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

· **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A2/P2

· **Protection of hands:**



Protective gloves

Solvent resistant gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.5$  mm

(Contd. on page 7)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

Trade name: Trig-a-cap® Original yellow TP

(Contd. of page 6)

- **Penetration time of glove material**

For continuous contact we recommend gloves with breakthrough time of at least 240 minutes, with the preference given to a breakthrough time greater than 480 minutes. For short-term or splash guard we recommend the same. We are aware that suitable gloves that offer this level of protection may not be available. In that case, a shorter breakthrough time are acceptable as long as the procedures governing maintenance and timely replacement are followed. The thickness of the gloves is not a good measure of the resistance of the gloves against a chemical substance, because this depends on the exact composition of the material from which the gloves are made.

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**

Safety glasses



Tightly sealed goggles

- **Body protection:** Use protective suit. (EN-13034/6)

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

· <b>Form:</b>	Aerosol
· <b>Colour:</b>	Yellow
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.

· **pH-value:** Not determined.

- **Change in condition**

· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Initial boiling point and boiling range:</b>	-44.5 °C

· **Flash point:** -97 °C

· **Flammability (solid, gas):** Not applicable.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Explosion limits:**

· <b>Lower:</b>	0.6 Vol %
· <b>Upper:</b>	11.5 Vol %

· **Vapour pressure at 20 °C:** 4080 hPa

· <b>Density at 20 °C:</b>	0.705 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not applicable.

- **Solubility in / Miscibility with**

· **water:** Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.

- **Viscosity:**

· <b>Dynamic:</b>	Not determined
· <b>Kinematic:</b>	Not determined.

(Contd. on page 8)



# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

Trade name: Trig-a-cap® Original yellow TP

(Contd. of page 7)

· Solvent content:	
· Organic solvents:	84.1 %
· Solids content:	16.7 %

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

##### Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Oral	LD50	>5840 mg/kg (Rat)
Dermal	LD50	>2920 mg/kg (Rabbit)
Inhalative	LC50 (4h)	>25 mg/l (Rat)

##### 141-78-6 ethyl acetate

Oral	LD50	4934 mg/kg (Rabbit) 5620 mg/kg (Rat)
Dermal	LD50	18000 mg/kg (Rat)
Inhalative	LC50 (4h)	29.3 mg/l (Rat)

##### 64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	LD50	>5000 mg/kg (Rat) (Acute Oral Toxicity)
Dermal	LD50	3160 mg/kg (Rabbit) (Acute Dermal Toxicity)
Inhalative	LC50 (4h)	4951 mg/m <sup>3</sup> (Rat)

##### 123-86-4 n-butyl acetate

Oral	LD50	10760 mg/kg (Rat)
Dermal	LD50	>14000 mg/kg (Rabbit)
Inhalative	LC50 (4h)	>23.4 mg/l (Rat)

##### Reaction mass of ethylbenzene and xylene

Oral	LD50	3523 mg/kg (Rat)
Dermal	LD50	12126 mg/kg (Rabbit)
Inhalative	LC50 (4h)	27.124 mg/l (Rat)

##### 108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD50	>2000 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rabbit)
Inhalative	LC50 (4h)	>20 mg/l (Rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes skin irritation.

(Contd. on page 9)



# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

Trade name: Trig-a-cap® Original yellow TP

(Contd. of page 8)

- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**  
May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · Aquatic toxicity:

##### **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane**

NOELR (72h)	3 mg/l (Pseudokirchneriella subcapitata)
EL50 (48h)	3 mg/l (Daphnia magna)
EL50 (72h)	30-100 mg/l (Pseudokirchneriella subcapitata)
LL50 (96h)	11.4 mg/l (Oncorhynchus mykiss)
NOEC (21 days)	0.17 mg/l (Daphnia magna)
LOEC (21 days)	0.32 mg/l (Daphnia magna)

##### **141-78-6 ethyl acetate**

EC50 (48h)	0.164 mg/l (Daphnia magna)
	3.3 mg/l (Scenedesmus subspicatus)
EC50	7.4 mg/l (Pseudomonas fluorescens)

##### **64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

EL0 (48h)	1000 mg/l (Daphnia magna)
NOELR (72h)	100 mg/l (Pseudokirchneriella subcapitata)
EL50 (72h)	>1000 mg/l (Pseudokirchneriella subcapitata)
LL50 (96h)	>1000 mg/l (Onc)

##### **123-86-4 n-butyl acetate**

LC50 (96h)	18 mg/l (Fish)
EC50 (48h)	44 mg/l (Daphnia magna)

##### **Reaction mass of ethylbenzene and xylene**

NOEC	1.3 mg/l (Fish)
NOEC (7 days)	0.96 mg/l (Daphnia magna)
NOEC (72h)	0.44 mg/l (Algae)
NOEC (28 days)	16 mg/l (Bacteria)
LC50 (96h)	8.9-16.4 mg/l (Pimephales promelas)
EC50 (48h)	3.2-9.5 mg/l (Daphnia magna)

- **12.2 Persistence and degradability** Not easily biodegradable
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

(Contd. on page 10)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

**Trade name: Trig-a-cap® Original yellow TP**



(Contd. of page 9)

- Do not allow product to reach ground water, water course or sewage system.
- Danger to drinking water if even small quantities leak into the ground.
- Harmful to aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
  - **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
  - **European waste catalogue**
- |      |   |
|------|---|
| HP3  | Flammable                                 |
| HP4  | Irritant - skin irritation and eye damage |
| HP14 | Ecotoxic                                  |
- **Uncleaned packaging:**
  - **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |   |                     |
|---|---------------------|
| <b>· 14.1 UN-Number</b>   |                     |
| <b>· ADR, ADN, IMDG, IATA</b>   | UN1950              |
| <b>· 14.2 UN proper shipping name</b>   |                     |
| <b>· ADR, ADN</b>   | UN1950 AEROSOLS     |
| <b>· IMDG</b>   | AEROSOLS            |
| <b>· IATA</b>   | AEROSOLS, flammable |
| <b>· 14.3 Transport hazard class(es)</b>  |                     |
| <b>· ADR</b>  |                     |
|  |                     |
| <b>· Class</b>  | 2.5F Gases.         |
| <b>· Label</b>  | 2.1                 |
| <b>· ADN</b>  |                     |
| <b>· ADN/R Class:</b>   | 2.5F                |
| <b>· IMDG, IATA</b>   |                     |
|  |                     |
| <b>· Class</b>  | 2.1                 |
| <b>· Label</b>  | 2.1                 |
| <b>· 14.4 Packing group</b>   |                     |
| <b>· ADR, IMDG, IATA</b>  | Void                |
| <b>· 14.5 Environmental hazards:</b>  | Not applicable.     |
| <b>· 14.6 Special precautions for user</b>  | Warning: Gases.     |

(Contd. on page 11)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

Trade name: Trig-a-cap® Original yellow TP

(Contd. of page 10)

- **Hazard identification number (Kemler code):** -
- **EMS Number:** F-D,S-U
- **Stowage Code** SW1 Protected from sources of heat.  
SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
- **Segregation Code** SG69 For AEROSOLS with a maximum capacity of 1 litre:  
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.  
For AEROSOLS with a capacity above 1 litre:  
Segregation as for the appropriate subdivision of class 2.  
For WASTE AEROSOLS:  
Segregation as for the appropriate subdivision of class 2.

- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

- **Transport/Additional information:**

- **ADR**
- **Limited quantities (LQ)** 1L
- **Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity
- **Transport category** 2
- **Tunnel restriction code** D

- **IMDG**
- **Limited quantities (LQ)** 1L
- **Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity

- **UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

### SECTION 15: Regulatory information

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

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** P3a FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **National regulations:**

Class	Share in %
NK	75-<100

- **VOC-CH** 81.40 %
- **VOC-EU** 574.0 g/l
- **Danish MAL Code** 5-3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

GB

(Contd. on page 12)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date: 23.11.2020

Revision: 23.11.2020

**Trade name: Trig-a-cap® Original yellow TP**

(Contd. of page 11)

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- 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.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

· **Abbreviations and acronyms:**

- ADR: Accord européen 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 Harmonised 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 (division of the American Chemical Society)
- MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Gas 1A: Flammable gases – Category 1A
- Aerosol 1: Aerosols – Category 1
- Press. Gas (Comp.): Gases under pressure – Compressed gas
- Flam. Liq. 2: Flammable liquids – Category 2
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity - dermal – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Carc. 2: Carcinogenicity – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**DISCLAIMER**

- The information contained in this sheet comes from reliable sources. It has been drawn up based on our knowledge at the time of the most recent update, as indicated. This information is intended as an aid to the user and should not be considered as a guarantee. GB
- Conditions or methods of handling, storage, use or disposal of the product are outside our control, and we may not be held responsible for any loss, damage or expenses incurred as a result of, or in connection with, the latter.
- All substances or mixtures can present unknown dangers and must be used with caution. We cannot guarantee that all dangers have been set out in an exhaustive manner.
- This sheet has been drawn up for, and must be used for, this product only. If the product is used as a component in another product, the information given with it may not be applicable.
- This sheet does not under any circumstances exempt the user from complying with all laws, regulations and administrative requirements related to the product, health and safety, and the protection of human health and the environment.