

according to 2001/58 EC

3797411

Reviewed on: 30/06/2021

Printing date: 01/07/2021

## 01 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**

- *Trade name:*  
HYDROPUR 2K DECKLACK 7590

- Article number / Safety Data Sheet:  
759000

- **Details of the supplier of the safety data sheet**

- *Manufacturer/Supplier:*

- Teknos AG

- Industriestrasse 7

- LI-9487 Gamprin-Bendern

- T +423 375 94 00

- F +423 375 94 99

- *Further information obtainable from:*

- Product safety department. e-mail address: li-sdb@teknos.com

- *Emergency telephone number:*

- Swiss Toxicological Information Centre, CH-8032 Zürich Emergency telephone: +41 (0)44 251 51 51 (International)

## 02 Hazards identification

- *Classification of the substance or mixture*



GHS07

Skin Sens. 1 - H317 May cause an allergic skin reaction.

Acute Tox. 5 - H333 May be harmful if inhaled.  
H316 Causes mild skin irritation.

H402 Harmful to aquatic life.

Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

- *Label elements*

- GHS label elements

- Hazard pictograms



GHS07

- Signal word  
Warning

- Hazard-determining components of labelling:

- 2-butoxyethanol / Solvent naphtha (petroleum), light arom. / Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate

- Hazard statements

- H317 May cause an allergic skin reaction.

- H333 May be harmful if inhaled.

- H316 Causes mild skin irritation.

- H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

- P272 Contaminated work clothing should not be allowed out of the workplace.

- P273 Avoid release to the environment.

- P280 Wear protective gloves.

- P302+P352 IF ON SKIN: Wash with plenty of water.

- P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

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**03 Composition/information on ingredients**• **Chemical characterization: Mixtures**• **Description:**

Mixture of substances listed below with nonhazardous additions.

• **Dangerous components:**

CAS Number		%
64742-95-6	<b>Solvent naphtha (petroleum), light arom.</b> EC number: 265-199-0 Record number 01-2119455851-35 ⚠ Asp. Tox. 1 - H304; ⚠ Acute Tox. 4 - H332, STOT SE 3 - H335; H227, Acute Tox. 5 - H313; ⚠ Aquatic Chronic 2 - H411; H401	1,00- 5,00
5131-66-8	<b>3-butoxypropan-2-ol</b> EC number: 225-878-4 Record number 01-2119475527-28 ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2A - H319; H227	1,00- 5,00
34590-94-8	<b>Dipropylene glycol monomethyl ether</b> EC number: 252-104-2 Record number 01-2119450011-60 H227	1,00- 5,00
55965-84-9	<b>reaction mass of: 5-chloro-2-methyl-4-</b> <b>isothiazolin-3-one [EC no. 247-500-7] and 2-</b> <b>methyl-2H-isothiazol-3-one [EC no. 220-239-</b> <b>6] (3: 1)</b> ⚠ Skin Corr. 1B - H314; ⚠ Acute Tox. 3 - H301, Acute Tox. 3 - H311, Acute Tox. 3 - H331; ⚠ Skin Sens. 1 - H317; ⚠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	0,00- 0,50
111-76-2	<b>2-butoxyethanol</b> EC number: 203-905-0 Record number 01-2119475108-36 ⚠ Acute Tox. 4 - H302, Acute Tox. 4 - H312, Acute Tox. 4 - H332, Skin Irrit. 2 - H315, Eye Irrit. 2A - H319; H227	1,00- 5,00
41556-26-7	<b>Bis(1,2,2,6,6-pentamethyl-4-piperidyl)</b> <b>sebacate</b> Record number 01-2119491304-40 ⚠ Skin Sens. 1 - H317; ⚠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410; H227, Acute Tox. 5 - H303, Acute Tox. 5 - H313, Acute Tox. 5 - H333	0,50- 1,00
82919-37-7	<b>Methyl1,2,2,6,6-pentamethyl-4-piperidyl</b> EC number: 280-060-4 Record number 01-2119976378-19 ⚠ Skin Sens. 1 - H317; ⚠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	0,00- 0,50
	<b>BENZOTRIAZOL DERIVATIVES Index no. 607-176-</b>	0,00- 0,50

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EC number: 400-830-7

Record number 01-0000015075-76

⚠ Skin Sens. 1 - H317; ⚠ Aquatic

Chronic 2 - H411

#### 04 First aid measures

- **After inhalation:**  
Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water.
- **After swallowing:**  
Do not induce vomiting; call for medical help immediately.

#### 05 Firefighting measures

- **Suitable extinguishing agents:**  
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:**  
Mouth respiratory protective device.  
Do not inhale explosion gases or combustion gases.
- **Additional information**  
Cool endangered receptacles with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

#### 06 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation
- **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.  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **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.

#### 07 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**  
No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**

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- Store only in the original receptacle.
- *Information about storage in one common storage facility:*  
Not required.
- *Further information about storage conditions:*  
Protect from frost.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.
- **Specific end use(s)**  
No further relevant information available.

## 08 Exposure controls/personal protection

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

34590-94-8

Dipropylene glycol monomethyl ether

OEL

<b>Short-term value</b>	<b>900</b>	<b>mg/m3</b>
<b>Long-term value</b>	<b>600</b>	<b>mg/m3</b>

- *Additional information:*  
The lists valid during the making were used as basis.
- **Personal protective equipment:**
- *General protective and hygienic measures:*  
The usual precautionary measures are to be adhered to when handling chemicals.  
Immediately remove all soiled and contaminated clothing  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.  
Do not eat or drink while working.  
Be sure to clean skin thoroughly after work and before breaks.
- *Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Suitable respiratory protective device recommended.*
- *Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Protective gloves Impervious gloves*
- **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.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.  
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
- *Eye protection: Safety glasses*
- *Body protection: Protective work clothing*

## 09 Physical and chemical properties

### Appearance

#### Appearance:

<b>Form:</b>	Liquid
<b>Colour:</b>	According to product specifica
<b>Odour:</b>	Characteristic Characteristic
<b>Odour threshold:</b>	Not determined.

#### Change in condition

<b>Melting point/freezing point:</b>	0 °C
<b>Initial boiling point and boiling range:</b>	Undetermined.
<b>Flash point:</b>	Not applicable.

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<b>Flammability (solid, gas):</b>	Not applicable.		
<b>Ignition temperature:</b>	Undetermined.		
<b>Decomposition temperature:</b>	Not determined.		
<b>Auto-ignition temperature:</b>	Not determined.		
<b>Explosive properties:</b>	Not determined.		
<b>Explosion limits:</b>			
<b>Lower:</b>	Not determined.		
<b>Upper:</b>	Not determined.		
<b>Vapour pressure:</b>	at 20 °C	23,0000 mbar	
<b>Density:</b>	1,0300 g/cm3		
<b>Solubility in / Miscibility with water:</b>	Not determined.		
<b>Viscosity:</b>	Not determined.		
.			
.	at 23 °C	60 - 70 s	
<b>Other information</b>	No further relevant information available.		

**10 Stability and reactivity**

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Incompatible materials:**  
No further relevant information available.
- **Hazardous decomposition products:**  
No dangerous decomposition products known.

**11 Toxicological information**

- **Acute toxicity**
  - **LD/LC50 values relevant for classification:**
- 64742-95-6 Solvent naphtha (petroleum), light arom.**  
Oral, LD50: >6800 mg/kg (rat) Dermal, LD50: >3400 mg/kg (Rabbit) Inhalative, LC50/4h: >10,2 mg/l (rat) Oral, LD50: 2000 mg/kg (rat) Dermal, LD50: 1370 mg/kg (Rabbit) Inhalative, LC50/4h: 3,25 mg/l (mouse) Oral, LD50: 8000 mg/kg (rat) Oral, LD50: 5135 mg/kg (rat) Dermal, LD50: >19000 mg/kg (Rabbit) Oral, LD50: 10000 mg/kg (rat) Oral, LD50: 1746 mg/kg (rat) Oral, LD50: 1414 mg/kg (guinea Pig) Dermal, LD50: 2000 mg/kg (rat) Dermal, LD50: 1000 mg/kg (Rabbit) Dermal, LD50: 2000 mg/kg (guinea Pig) Oral, LD50: 5045 mg/kg (rat) Dermal, LD50: 12800 mg/kg (Rabbit) Inhalative, LC50/4h: 30 mg/l (rat) Oral, LD50: 2000 mg/kg (rat) Dermal, LD50: 20800 mg/kg (Rabbit)
- 108-01-0 2-dimethylaminoethanol**
- 102-71-6 Triethanolamine**
- 34590-94-8 Dipropylene glycol monomethyl ether**
- 7631-86-9 silicon dioxide, chemically prepared**
- 111-76-2 2-butoxyethanol**
- 67-63-0 propan-2-ol**
- 57-55-6 Propylene glycol**
- **Primary irritant effect:**
  - Skin corrosion/irritation  
No irritant effect.
  - Serious eye damage/irritation  
No irritating effect.
  - **Respiratory or skin sensitisation**  
Sensitisation possible through skin contact.
  - **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Irritant

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**PRODUCT : HYDROPUR 2K DECKLACK 7590***(continued of page 5)***12 Ecological information**

- Aquatic toxicity:  
No further relevant information available.
- **Persistence and degradability**  
No further relevant information available.
- **Behaviour in environmental systems:**
- *Bioaccumulative potential*  
No further relevant information available.
- **Ecotoxicological effects:**
- *Remark:*  
Harmful to fish
- **Additional ecological information:**
- *General notes:*  
Harmful to aquatic organisms  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**13 Disposal considerations**

- **Uncleaned packaging:**
- *Recommendation:*  
Disposal must be made according to official regulations.
- *Recommended cleansing agents:*  
Water, if necessary together with cleansing agents.

**14 Transport information**

- **UN-Number**
- ADR Void
- IMDG Void
- IATA Void
- **UN proper shipping name**
- ADR Void
- IMDG Void
- IATA Void
- **Transport hazard class(es)**
- ADR
- Class Void
- IMDG
- Class Void
- IATA
- Class Void
- **Packing group**
- ADR Void
- IMDG Void
- IATA Void
- **Environmental hazards:**  
Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**  
Not applicable.
- **Transport/Additional information:**  
Not applicable.

RC

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## 15 Regulatory information

- Inventory of Hazardous Chemicals
 

108-01-0	2-dimethylaminoethanol
111-76-2	2-butoxyethanol
67-63-0	propan-2-ol
- **National regulations:**
- *Classification according to VbF:*
  -
- *Technical instructions (air):*
- Class Share in %
 

I	2,98
III	0,58
- *Waterhazard class:*
  - Water hazard class 1 (Self-assessment): slightly hazardous for water.

## 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
 

H227	Combustible liquid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H333	May be harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
- **Department issuing MSDS:**
  - Environment protection department.
- **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)
  - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association
  - ICAO: International Civil Aviation Organisation
  - 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)
  - VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
- *\* Data compared to the previous version altered.*