

**1. Identification of the substance/mixture and of the company/undertaking****Product identifier**

Product name: **TEKINJECT AC FLEX**  
Type of product : Mixture  
UFI 4300-N088-100E-GQVX

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

Identified uses: Only for professional use.

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

Company: TEKINJECT BV  
Kruisblok 6  
BE - 2320 HOOGSTRATEN  
E-mail address: [info@tekinject.com](mailto:info@tekinject.com)

**Emergency telephone number**

24-hours emergency number: +32 494 239 441

National poison information service: This is a generic EU Safety Data Sheet. Consult your Specific member state version for this information.

**2. Hazard Identification****Classification according to Regulation (EC) No 1272/2008**

GHS07

Acute Tox. 3	H332 Harmful if inhaled.
Skin Irrit. 2	H315 Causes skin irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.
Eye Irrit. 2	H319 Causes serious eye irritation.

**Label elements****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS 07

· **Signal word:** Warning

· **Hazard-determination components of labeling:**

Hydroxypropyl acrylate

**Hazard statements:**

- H332 Harmful if inhaled.
- H315 Causes severe skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.




**Precautionary statements:**

- P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.
- P280 Wear protective gloves, wear eye protection/face protection.
- P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable
- **vPvB:** Not applicable

**3. Composition/information on ingredients**

- **Description:** mixture of substances with nonhazardous additions.

<b>Dangerous components :</b>			
CAS : 25584-83-2 EINECS : 247-118-0	Hydroxypropyl acrylate	 Acute Tox. 3, H301 ; Acute Tox. 3, H311 ; Acute Tox. 3, H331.   Skin Corr. 1B, H314.   Skin sense. 1, H317	1,5 – 10 %

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

**4. First aid measures**

- **Description of first aid measures.**
- **General information:** Immediately remove any clothing by the product.
- **After inhalation:** Supply fresh air and to be sure call for a doctor. In case of unconsciousness place the patient stable in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continuous, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water, then consult a doctor.
- **After swallowing:** Do not induce vomiting. Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

**5. Fire-fighting measures**

- **Extinguishing media.**
- **Suitable extinguishing agents:** use fire extinguishing methods suitable for surrounding conditions.
- **Special hazards arising from the substance or mixture:** no relevant information available.
- **Advise for firefighters.**
- **Protective equipment:** Mouth respiratory protective device.

**6. Accidental releases measures**

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water. Dilute with plenty of water.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binder, universal binder, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.
- **References to other sections**  
See section 7 for information and safe handling.  
See section 8 for information on personal protection equipment.  
See section 13 for disposal information.

**7. Handling and storage**

- **Precautions for safe handling:** ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- **Information about fire- and explosion protection:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities.**
- **Storage:** No special requirements
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed. Store in a well-ventilated area.
- **Specific end use(s):** No further relevant information available.

**8. Exposure control/personal protection**

- **Additional information about design of technical facilities:** No further data; see section 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment.**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages, and feed.  
Wash hands before break and at the end of the work.  
Avoid contact with eyes and skin.
- **Respiratory protection:**  
In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure, use suitable respiratory protection device only when aerosol or mist is formed.

**Protection of hands:**



Protective gloves

The glove material must be impermeable and resistant to the product/the substances/the preparation. Due to missing tests no recommendation to the glove material can be given. 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 cannot be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:**

The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.

**Eye protection:**



Tightly sealed goggles.

**9. Physical and technical properties**

<ul style="list-style-type: none"> <li>Information on basic physical and chemical properties</li> <li>General information</li> <li>Appearance:           <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Form</td> <td>Liquid</td> </tr> <tr> <td>Colour</td> <td>Blue</td> </tr> <tr> <td>Odour</td> <td>Characteristic.</td> </tr> </table> </li> </ul>		Form	Liquid	Colour	Blue	Odour	Characteristic.
Form	Liquid						
Colour	Blue						
Odour	Characteristic.						
pH-value:	Not determined.						
<ul style="list-style-type: none"> <li>Change in condition           <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Melting point/freezing point:</td> <td>Not determined.</td> </tr> <tr> <td>Initial boiling point and boiling range:</td> <td>&gt; 100 °C</td> </tr> </table> </li> <li>Flash point :</li></ul>		Melting point/freezing point:	Not determined.	Initial boiling point and boiling range:	> 100 °C	Not applicable.	
Melting point/freezing point:	Not determined.						
Initial boiling point and boiling range:	> 100 °C						
Lower:	Not determined.						
Upper:	Not determined.						
Dynamic at 20 °C:	300 mPa.s						
Kinematic:	Not determined.						

**10. Stability and reactivity**

- **Reactivity:** No further relevant information available.
- **Chemical stability:**
- **Thermal decomposition/conditions to be avoided:** No decomposition if used according to specification.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.

**11. Toxicological information**

- **Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity :** Harmfull if inhaled

LD/LC50 values relevant for classification:		
25584-83-2 Hydroxypropyl acrylate		
Oral	LD50	1,001 mg/kg (Rat)
Dermal	LD50	>1,000 mg/kg (Rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation :** Causes skin irritation.
- **Serious eye damage/irritation:** Causes eye irritation.
- **Respiratory or skin sensitization:** May cause an allergic skin reaction.
- **CMR effect (carcinogenity, mutagenicity and toxicity for reproductions):**
- **Germ cell mutagenicity:** based on available data, the classification criteria are not met.
- **Carcinogenicity:** based on the available data the classification criteria are not met.
- **Reproductivity toxicity:** based on available data, the classification criteria are not met.
- **STOT-single exposure:** based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** based on available data the classification criteria are not met.
- **Aspiration hazard:** based on available data, the classification criteria are not met.

**12. Ecological information****Toxicity**

<b>Aquatic toxicity</b>	
<b>25584-83-2 Hydroxypropyl acrylate</b>	
EC50/48h	24 mg/l (Daphnia Magna)
LC50/96h	3,61 mg/l (Fathead minnow)

- **Persistence and degradability:** No further relevant information available.
- **Behaviour in environmental systems:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Ecotoxic effects:** No further relevant information available.
- **Endocrine disrupting properties**  
For mor information on endocrine disrupting properties see section 11.
- **Additional ecological information:** No further relevant information available.
- **General notes:** Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.  
Do not allow product to reach ground water, water source or sewage system.  
Must not reach sewage water or drainage dith undiluted or unneutralised.  
Danger to drinking water.
- **Results of PBT and vPvB assessments:**  
**PBT:** not applicable.  
**vPvB:** not applicable.  
**Other adverse effects:** No further relevant information available.

**13. Disposal consideration**

- **Waste treatment methods**
- **Recommendation :**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agents:** water, if necessary together with cleansing agent.

**14. Transport information**

· <b>UN-number</b> · <b>ADR, IMDG, IATA</b>	Not regulated
· <b>UN proper shipping name</b> · <b>ADR</b> · <b>IMDG</b> · <b>IATA</b>	Not regulated
· <b>Transport hazard class(es)</b> · <b>ADR, AND, IMDG, IATA</b>	Not regulated
· <b>Packing group</b> · <b>ADR; IMDG, IATA</b>	Not regulated
· <b>Environmental hazards :</b>	Not applicable
· <b>Special precautions for user</b>	Not applicable
· <b>Maritime transport in bulk according to IMO instruments</b>	Not applicable
· <b>UN « Model regulation » :</b>	Not regulated

**15. Regulatory information**

**Safety, health and environmental regulations:** All components of this product have been registered or pre-registered with the European chemicals Agency or are exempt from registration.

**Directive 2012/18/EU**

**Named dangerous substances – ANNEX 1:** None of the ingredients is listed.

**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.

**Chemical safety assessment:** A chemical Safety Assessment has not been carried out.

**The components of this product are reported in the following inventories:**

- DSL: All components of this product are on the Canadian DSL.
- AICS: On the inventory, or in compliance with the inventory.
- NZIoC: On the inventory, or in compliance with the inventory.
- ENCS: On the inventory, or in compliance with the inventory.
- NCIS: On the inventory, or in compliance with the inventory.
- PICCS: On the inventory, or in compliance with the inventory.
- IECSC: On the inventory, or in compliance with the inventory.
- TCSI: On the inventory, or in compliance with the inventory.
- TSCA: All substances listed as active on the TSCA inventory.

**16. Additional 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 referred to under sections 2 and 3:**

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled

**Abbreviations and acronyms:**

ADR: 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 Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC : Volatile Organic Compounds (USA, EU)

LC50 : Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox.3: Acute toxicity Category 3

Acute Tox.4: Acute toxicity Category 4

Skin Corr.1B Skin Corrosion/irritation Category 1B

Skin Irrit 2 Skin Corrosion/irritation Category 2

Eye Irrit 2: serious eye damage/eye irritation Category 2

Skin Sens.1 Skin Sensitisation Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment long term aquatic hazard Category 3

**Data compared to the previous version altered.**