

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

Product name: **TEKINJECT AC ACCELERATOR**
Type of product : Mixture

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

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**

Not classified.

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

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

Hazard pictograms

None

Hazard statements

None.

Precautionary statements

None.

Additional information

None.

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

PBT: Not applicable

vPvB: Not applicable

TI TEKINJECT

Safety Data Sheet

(EC) No 1907/2006/EC article 31




Version 1.01

TEKINJECT AC ACCELERATOR

09-01-2024

3. Composition/information on ingredients

Description: mixture of substances with nonhazardous additions.

Dangerous components :			
CAS-No : 111-46-6	Diethylene glycol	 Acute Tox. 4, H302	< 20 %
CAS-No : 111-42-2	Diethanolamine	  Acute Tox. 4, H302; Skin Irrit. 2, H315; EYE DAM. 1, H318; STOT RE2, H373;	< 29,9 %
	Water		35 - 70 %

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:** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident is required.
- **After inhalation:** Supply fresh air. No hazards which require first aid measures.
- **After Skin contact:** Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.
- **After eye contact:** Rinse opened eye for several minutes under running water, then consult a doctor.
- **After swallowing:** Do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately if symptoms occur.

5. Fire-fighting measures

- **Extinguishing media.**
- **Suitable extinguishing agents:** Foam, Carbon dioxide (CO₂), dry powder or water spray.
- **Special hazards arising from the substance or mixture:** Carbon oxides (CO_x), Nitrogen oxides (NO_x), hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.
- **Advise for firefighters:** No relevant information available.
- **Protective equipment:** Self-contained breathing device.

6. Accidental releases measures

- **Personal precautions, protective equipment and emergency procedures:** Avoid contact with skin and eyes.
- **Environmental precautions:** 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 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:** No special measures required.
- **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.
- **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	
Diethylene glycol	
Workers	Skin contact: 106 mg/kg/day Inhalation: 60 mg/m ³
Consumers	Skin contact: 53 mg/kg/day Inhalation: 12 mg/m ³
Diethanloamine	
Workers	Skin contact : 0,13 mg/kg/day Inhalation: 1 mg/m ³
Consumer	Ingestion: 0,06 mg/kg/day Skin contact : 0,07 mg/kg/day Inhalation: 0,25 mg/m ³

- **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.
Immediately remove all soiled and contaminated clothing.
Wash hands before break and at the end of the work.
Avoid contact with eyes and skin.
- **Respiratory protection:**
Not required; except in case of aerosol formation.
- **Protection of hands:**
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"> · Information on basic physical and chemical properties · General information · Appearance: <ul style="list-style-type: none"> Form: Liquid. Colour: Clear to slightly yellow. Odour: Characteristic. 	
· pH-value:	7 - 11
<ul style="list-style-type: none"> · Change in condition <ul style="list-style-type: none"> Melting point/freezing point: < 0 °C Initial boiling point and boiling range: > 100 °C · Flash point : Does not flash · Flammability (solid,gas): Not applicable. · Decomposition temperature: Not determined. · Auto-ignition temperature: Product is not selfigniting. · Explosive properties: Product does not present an explosion hazard. · Explosion limits : <ul style="list-style-type: none"> Lower: No data available Upper: No data available. · Vapour pressure at 20 °C: Not determined · Density at 20 °C: 1,00 – 1,20 g/cm³. · Relative density: Not determined. · Vapour density : Not determined. · Evaporation rate: Same as water. · Solubility in/miscibility with water: Not miscible or difficult to mix. · Partition coefficient: n-octanol/water: Not determined. · Viscosity: <ul style="list-style-type: none"> Dynamic at 20 °C: No data available. Kinematic: Not determined. · Solvent content: <ul style="list-style-type: none"> Organic solvent: Not determined. VOC (EC): Not determined. Other information: No further relevant information. 	

10. Stability and reactivity

- **Reactivity:** Stable at normal conditions.
- **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:** Incompatible with strong acids and oxidizing agents.

11. Toxicological information

· **Information on toxicological effects**

· **Acute toxicity :** Harmfull if swallowed

LD/LC50 values relevant for classification:		
Diethylene glycol		
Oral	LD50	25244 mg/kg (Rat)
Dermal	LD50	13300 mg/kg (rabbit)
Diethanolamine		
Oral	LD50	1600 mg/kg (Rat)
Dermal	LD50	12200 mg/kg (rabbit)

· **Primary irritant effect:**

· **Skin corrosion/irritation:**

Not irritant.

· **Serious eye damage/irritation:**

Slight irritant.

· **Respiratory or skin sensitization:**

Not sensitizing.

· **CMR effect (carcinogenity, mutagenicity and toxicity for reproductions):**

· **Germ cell mutagenicity:** based on available data, the classification criteria are not met.

· **Carcinogenity:** 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**

· Aquatic toxicity:	
<i>As supplied</i>	
<i>LC50/96 h</i>	>100 mg/l (zebrafish)
<i>EC50/48 h</i>	>100 mg/l (daphnia)
<i>IC50/72 h</i>	>1,640 mg/l (algae)

· **Aquatic toxicity:** No further relevant information available.

· **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.

· **Remarks:** none

· **Additional ecological information:** No further relevant information available.

· **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities to reach ground water, water source or sewage system.

· **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

· <i>UN-Number</i> · <i>ADR, IMDG, IATA</i>	<i>not regulated</i>
· <i>UN proper shipping name</i> · <i>ADR, IMDG, IATA</i>	<i>not regulated</i>
· <i>Transport hazard class(es)</i> · <i>ADR, ADN, IMDG, IATA</i> · <i>Class</i>	<i>not regulated</i>
· <i>Packing group</i> · <i>ADR, IMDG, IATA</i>	<i>not regulated</i>
· <i>Environmental hazards:</i>	<i>Not applicable.</i>
· <i>Special precautions for user</i>	<i>Not applicable.</i>
· <i>Transport in bulk according to Annex II of Marpol and the IBC Code</i>	<i>Not applicable.</i>
· <i>UN "Model Regulation":</i>	<i>not regulated</i>

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the product

Directive 2012/18/EU

Named dangerous substances - ANNEX I 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.

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:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

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.4: Acute toxicity – inhalation – Category 4

Skin irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 2 : Serious eye damage/eye irritation – category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Data compared to the previous version altered.