1. Identification of the substance/mixture and of the company/undertaking

· **Product identifier**

Product name: **TEKINJECT AC POLYMER**

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

3. Composition/information on ingredients

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

Dangerous components :			
	Reaction mass of 5-chloro-2-methyl-4-isothoazolin-3-one (EC no. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EC no. 220-239-6	 Acute Tox. 3, H301, H311; Skin Corr. 1B, H314 ; Skin Sens. 1A, H317 ; Acute Tox. 3, H331 ; Aquatic Acute 1, H400 ; Aquatic chronic 1, H410	0,00015 – 0,0015 %

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; therefor 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 cotact:** Wash off with soap and plenty of water. Get medical attention if irritation develops and persist.
· **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:** Termal decomposition may produce Carbon oxides (Cox), Nitrogen oxides (NOx)..
· **Advise for firefighters:** No relevant information available.
· **Protective equipment:** Wear full protective clothing and self-contained breathing device.

6. Accidential releases measures

· **Personal precautions, protective equipment and emergency procedures:** Avoid contact with skin. Spills produce extremely slippery surfaces.
· **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
· **Methods and material for containment and cleaning up:** Do not flush with water. 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. A spill will cause extremely slippery surfaces.
- **Information about fire- and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities.**
- **Storage:** Avoid frost.
- **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**
- **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:**
In case of vapor formation, use respirator with organic filter.
- **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 therefor 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

· **Information on basic physical and chemical properties**	
· **General information**	
· **Appearance:**	
Form	Liquid.
Colour	White.
Odour	Ester like.
· **pH-value**:	7 - 9
· **Change in condition**	
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 :**	
Lower:	No data available
Upper:	No data available.
· **Vapour pressure at 20 °C:**	2,3 kPa
· **Density at 20 °C:**	0,9 – 1,1 g/cm^3.
· **Relative density:**	Not determinded.
· **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:**	
Dynamic at 20 °C:	150 mPa.s
Kinematic:	Not determined.
· **Solvent content:**	
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:** Protect from frost.
· **Incompatible materials:** None know.

11. Toxicological information

· **Information on toxicological effects**
· **Acute toxicity :**

LD/LC50 values relevant for classication:		
As supplied		
Oral	LD50	>5000 mg/kg (Rat)
Dermal	LD50	>5000 mg/kg (rat)

· **Primary irritant effect:**
· **Skin corrosion/irritation:**
Not irritant.
· **Serious eye damage/irritation:**
Not irritant.
· **Respiratory or skin sensitization:**
The product contains a small amount of sensitizing substances wich may provoke an allergic reaction among sensitive individuals in contact with skin.
· **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**

· ***Aquatic toxicity:***	
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one	
LC50/4 h	*0,33 mg/l (rat)*

· **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.
· **Ecotoxical effects:** No further relevant information available.
· **Remarks:** none
· **Additional ecological information:** No further relevant information available.
· **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.

14. Transport information

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

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:

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.
H400 Very toxic to aquatic life.
H410 Very toxic 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 Ait 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 Ameriacan Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persitent, Bioaccummulative and Toxic
vPvB: very Persitent and very Bioacummulative
Acute Tox.3: Acute toxic – Category 3
Skin Corr. 1B: Corrosive to skin – Category 1B.
Skin Sens 1A: Skin sensitivity – Categroy 1A.
Aquatic acute 1 : Toxic to aquatic life – Category 1.
Aquatic chronic 1: Harmful to aquatic life with long lasting effects – Category 1.

Data compared to the previous version altered.