Safety data sheet
according to 1907/2006/EC, Article 31

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

- Product identifier
- Trade name: WALLOXEN TR 70
- Article number: 521133
- CAS Number: 78330-21-9
- EINECS Number: Polymer
- Registration number The product is a polymer and therefore exempted from REACH.
- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the mixture Emulsifier
- Uses advised against No further relevant information available.

2 Hazards identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  - GHS05 corrosion
    Eye Dam. 1 H318 Causes serious eye damage.
  - GHS07
    Acute Tox. 4 H302 Harmful if swallowed.
    Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- Labelling according to Regulation (EC) No 1272/2008
  The substance is classified and labelled according to the CLP regulation.

- Hazard pictograms
  - GHS05
  - GHS07

- Signal word Danger
  - Hazard-determining components of labelling: 78330-21-9 fatty alcohol polyglycolether
  - Hazard statements
    H302 Harmful if swallowed.

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H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterisation: Substances
CAS No. Description
78330-21-9 fatty alcohol polyglycolether

Identification number(s)
EC number: Polymer

Additional information: Polymers are exempted from REACH-regulation.

4 First aid measures

Description of first aid measures
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Immediately wash with water and soap and rinse thoroughly.
After eye contact:
Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing:
Seek medical treatment. Rinse mouth. Do not induce vomiting.

Information for doctor:
Most important symptoms and effects, both acute and delayed
No further relevant information available.
Indication of any immediate medical attention and special treatment needed
Risk of aspiration.

5 Firefighting measures

Extinguishing media
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
In case of fire, the following can be released:
Organic decomposition products
Carbon oxides (COx)

Advice for firefighters
Protective equipment: Use suitable breathing apparatus if necessary.
6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  Particular danger of slipping on leaked/spilled product.
  Wear protective clothing.
  Avoid contact with the eyes and skin.
- 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 binders, universal binders, sawdust).
  Dispose contaminated material as waste according to item 13.
- 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.

7 Handling and storage

- Handling:
  - Precautions for safe handling
    Open and handle receptacle with care.
    Wear protective clothing.
    Do not eat, drink or smoke in working area.
  - Information about fire - and explosion protection: No special measures required.
  - Conditions for safe storage, including any incompatibilities
  - Storage:
    - Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
    - Information about storage in one common storage facility: Not required.
    - Further information about storage conditions: None.
    - Storage class: Combustible liquid.
    - Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
  - Control parameters
  - Ingredients with limit values that require monitoring 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.
      Immediately remove all soiled and contaminated clothing
      Wash hands before breaks and at the end of work.
      Avoid contact with the eyes.
      Do not eat, drink, smoke or sniff while working.
      The recommended specification of the protective clothing articles is to be chosen according to the duration of the exposition, the concentration and the amount of the dangerous substances at the working environment. Seek advice of the suppliers.
  - Respiratory protection: Not required.
9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
  - Form: Fluid
  - Colour: Colourless
    - Clear - (light) turbidly
- Odour:
  - Weak, characteristic
- Odour threshold:
  - Not determined.
- pH-value (10 g/l) at 20 °C: 6,0-7,5
- Change in condition
  - Melting point/freezing point: <20 °C
  - Initial boiling point and boiling range: Undetermined.
- Flash point: Undetermined.
- Flammability (solid, gas): Not applicable.
- Decomposition temperature: Not determined.
- Auto-ignition temperature: Not determined.
- Explosive properties: Product does not present an explosion hazard.
- Explosion limits:
  - Lower: Not determined.
  - Upper: Not determined.
- Vapour pressure: Not determined.
- Density: 0.99 - 1.00 g/cm³(60°C)
  - Relative density: Not determined.
  - Vapour density: Not determined.
  - Evaporation rate: Not determined.
- Solubility in / Miscibility with water: Partly soluble.
- Partition coefficient: n-octanol/water: Product is an emulsifier.
Trade name: WALLOXEN TR 70

- Viscosity:
  Dynamic at 60 °C: ca. 50 mPas
  Kinematic: Not determined.
- Other information No further relevant information available.

10 Stability and reactivity

- Reactivity Product is stable under normal ambient conditions.
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: Under normal conditions no hazardous decomposition products known.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity Harmful if swallowed.
- LD/LC50 values relevant for classification: According to CESIO-recommendation 03/2017.
  Oral LD50 <2,000 mg/kg (-)
- Primary irritant effect:
  Skin corrosion/irritation According to CESIO-recommendation 03/2017.
  No irritating effect.
  Serious eye damage/irritation: According to CESIO-recommendation 03/2017.
  Causes serious eye damage.
  Respiratory or skin sensitisation: No sensitising effects known.
  CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
  Germ cell mutagenicity: no data
  Carcinogenicity: no data
  Reproductive toxicity: no data
  STOT-single exposure: no data
  STOT-repeated exposure: no data
  Aspiration hazard: no data

12 Ecological information

- Toxicity
  Acute toxicity: The classification was carried out according to CESIO-recommendation 03/2017.
  Acute: > 1 - ≤ 10 mg/l
  Chronic NOEC / ECx ≥0.1 mg/l (-)
- Persistence and degradability

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46.0.7 These surfactants comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

- **Biodegradability:** 
  - Degradation rate >60%  
  - Time (d) 28 days  
  - Method OECD 301D

- **Other information:** 
  - This statement was deduced from products with a similar structure or composition.

- **Behaviour in environmental systems:** 
  - **Bioaccumulative potential:** No further relevant information available.
  - **Mobility in soil:** No further relevant information available.
  - **Additional ecological information:** 
    - **General notes:** 
      - Water hazard class 2 (German Regulation) (Assessment by list): hazardous for water
      - 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.
  - **Results of PBT and vPvB assessment:** 
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.
  - **Other adverse effects:** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

- **Waste disposal key:**
  - Determine wastes code in compliance with local waste management company according the European Waste Catalogue (EWC).

- **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, ADN, IMDG, IATA: Void

- **UN proper shipping name**
  - ADR, ADN, IMDG, IATA: Void

- **Transport hazard class(es)**
  - ADR, ADN, IMDG, IATA: Void

- **Packing group**
  - ADR, IMDG, IATA: Void

- **Environmental hazards:**
  - **Marine pollutant:** No

- **Special precautions for user**
  - Not applicable.

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

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

- Department issuing SDS: Safety and Health group
- Contact: Dr. Astrid Kawka, Dr. Dieter Kawka
- 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
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  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 – Category 4
  Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
  * Data compared to the previous version altered.