

# Ketopol

## Safety Data Sheet



According to ISO 11014

Original Prep Date: 14-05-2007

Last Revision Date: 20-04-2021

### Section 1: Chemical product and company identification

**Trade name:** Ketopol

**Product details:** Alkaline Foam Cleaner

**Manufacturer:** Industroclean (Pty) Ltd  
Corner Picaroon & Raft Street  
Laserpark  
Honeydew  
2040

**Emergency Telephone Number:** 27 11 801 4600

**Recommended Uses:**

Slightly alkaline, heavily foaming cleaning agent. Offers highly effective, dissolving characteristics for grease, proteins, starch and other organic compounds. Suitable for use in the food processing industry. For outdoor cleaning of bottling and packing plants, stainless steel tanks, pipelines etc. May also be used to clean floors, showers and walls.

**Restrictions:**

None.

### Section 2: Hazards Identification

**Classification of the substance or mixture:** Not classified as Acutely Toxic

**Signal word:** None

**Hazard Statements:** None

### Section 3: Composition / Information on Ingredients

**Description:** Mixture

**Hazardous components:** None

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### Section 4: First Aid Measures

**Inhalation:** P340: Remove to fresh air and keep at rest in a position comfortable for breathing. P304+340: Call a poison centre or doctor/physician if you feel unwell.

**Skin contact:** P350: Gently wash with plenty of water.

**Eye contact:** P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.

**Ingestion:** P331: Do not induce vomiting. P312: Call a poison centre or doctor/physician if you feel unwell.

### Section 5: Fire-fighting measures

**Suitable extinguishing agents:** Water spray jet, extinguishing powder, CO<sub>2</sub>, foam.

**Unsuitable extinguishing agents:** None

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

### Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Particular danger of slipping on leaked/spilled product. Wear protective clothing (See section 8). Keep unprotected persons away.

**Environmental precautions:** As the undiluted product is hazardous for the aquatic environment, it must be prevented from reaching surface water. Prevent from spreading (e.g. by enclosing with a ring of chemical absorbent). Inform authorities in case of contamination of water or sewage system.

**Methods and material for containment and cleaning up:** Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically.

### Section 7: Handling and Storage

**Precautions for safe handling:** Provide good room ventilation or local exhaust ventilation at the workplace.

**Requirements to be met by storerooms and containers:** Ensure sufficient ventilation. Store only in the original container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

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### Section 8: Exposure controls and personal protection

Components with critical values that require monitoring in the workplace: None

### Section 9: Physical and Chemical Properties

| Description                   | Result                  |
|-------------------------------|-------------------------|
| Appearance                    | Liquid                  |
| Colour                        | Red                     |
| Odour                         | Characteristic          |
| Melting / Freezing range      | Not determined          |
| Boiling point / Boiling range | > 100°C                 |
| Flash point                   | Not applicable          |
| Self-inflammability           | Not applicable          |
| Danger of explosion           | Not applicable          |
| Density at 20°C               | 1.050 g/cm <sup>3</sup> |
| Miscibility with water        | Completely miscible     |
| pH value concentrate at 20°C  | 10.9 ± 0.5              |

### Section 10: Stability and Reactivity

**Chemical Stability:** No decomposition up to the boiling point. Under recommended storage conditions, this product is stable for up to 3 years.

**Reactions:** No dangerous reactions known.

**Incompatible Materials:** None

### Section 11: Toxicological Information

**Acute Toxicity:** Not classified as acutely toxic

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

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**Reproductive toxicity:** Based on available data, the classification criteria are not met.

### Section 12: Ecological Information

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Environmental exposure of the product will vary depending on solution strength, application method and rate. The degree of dilution and dispersion and meteorological conditions as well as subsequent biodegrading of surfactants will affect exposure concentration and duration.

Quantitative Activity Relationships for aquatic toxicity and log  $K_{ow}$  for predicting readily biodegradation are not yet sufficiently accurate to predict rapid degradation.

### Section 13: Disposal Considerations

Taking into consideration the hazardous components and the dilution of this product at the strongest recommended dosage, this product can be safely disposed according to the local municipal, provincial or national regulations. Dispose of packaging in an approved receptacle or incinerator.

### Section 14: Transport Information

- Not required for identification and classification of dangerous goods for transport by rail and road modes

### Section 15: Regulatory Information

- OHS Act 1993
- Regulations for Hazardous Chemical Agents, 2021
- National Environmental Management Act as Amended and Regulations
- Relevant South African National Standards
- Duty to Care
- Metropolitan Municipal Services By-Laws
- Globally Harmonized System
- Department of Employment & Labour (Competent Authority for SDS's in SA)

### Section 16: Other Information

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks pertaining to the use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use of suitability of the product. Appropriate warning and safe handling procedures should be provided to handlers and users.

Data sheet prepared by: SHEQ Manager