

### Section 1: Chemical product and company information

Trade name:	Envirobac
Product details:	Disinfectant cleaner
Manufacturer:	Industroclean (Pty) Ltd Corner Picaroon & Raft Street Laserpark Honeydew 2040
Emergency telephone number:	27 11 801 4600

Recommended uses:  
Disinfectant all-purpose cleaner.

Restrictions: None.

### Section 2: Hazards identification

Classification of the mixture:	Category 5
Signal word:	Warning



Hazard statements:	H303 – May be harmful if swallowed H313 – May be harmful in contact with skin H333 – May be harmful if inhaled
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### Section 3: Composition / Information on ingredients

Description: Mixture

Hazardous components:



CAS No	Chemical name	% Conc
2372-82-9	N-(3-aminopropyl)-N-dodecylpropane-1,3,diamine	6%

### 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. When selecting the protective suit, attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots must be made of neoprene, complete face protection and nitrile-rubber gloves with long tops should be worn.

**Environmental precautions:** Prevent 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. Do not breathe vapours or spray mist. Wear appropriate PPE.

**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. Keep the container tightly closed in a dry and well-ventilated place. Keep separated from incompatible substances and mixtures.

### Section 8: Exposure controls and personal protection

Components with critical values that require monitoring in the workplace:

CAS No	Chemical name	% Conc	RHCA-OEL
2372-82-9	N-(3-aminopropyl)-N-dodecylpropane-1,3,diamine	6%	2.35 mg/m <sup>3</sup>

**Hand protection:** Wear nitrile rubber gloves/protective clothing.

**Eye protection:** Wear tightly fitted safety goggles.

**Skin and body protection:** Wear a protective suit.

**Respiratory protection:** In case of inadequate ventilation, wear respiratory protection such as a dust mask FFP1.



### Section 9: Physical and chemical properties

Description	Result
Appearance	Liquid
Colour	Clear
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	1.020 g/cm <sup>3</sup>
Miscibility with water	Completely miscible
pH value concentrate at 20°C	11.5 ± 0.5
pH value in dilution (500ml)	11.11

### 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 2 years.

**Reactions:** Product reacts with copper, aluminium, zinc, and their alloys.

**Incompatible materials:** Copper, aluminium, zinc, and their alloys.

**Conditions to avoid:** Extremes of temperature and direct sunlight.

**Anticipated hazardous decomposition products:** None known.

### Section 11: Toxicological information

**Acute oral toxicity estimate:**  $<2000 \leq 5000$

**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

**Bioaccumulation potential:** No significant accumulation in organisms is expected as a result of the distribution coefficient of n-octanol/water ( $\log P_{ow}$ ).

**Results of PBT and vPvB assessment:** The product does not contain a substance fulfilling the PBT criteria or the vPvB criteria.

**Adverse effects:** The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

**Mobility in soil:** The product will not evaporate into the atmosphere from the water surface and adsorption to solid soil phase is not expected.

**Biodegradability:** Readily biodegradable (according to OECD criteria).

### Section 13: Disposal considerations

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



- National Regulator for compulsory specifications: NRCS Registration number: NRCS/8054/208521/1297
- Eco-choice Licence number: EPC20230301-2-1
- OHS Act Amendment Act 181 of 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)
- OECD 301 Ready Biodegradability

### 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 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