TECHCLEAN
Reg No. CK94/14515/23

11 Hillclimb Road, Westmead,
P.O.Box 494,Gillitts,
KZN, 3603,South Africa
+27 31 700 3878
+27 82 459 9796

MATERIAL SAFETY DATA SHEET Date issued: 30 OCTOBER 2024

| COMPANY DETAILS | | | |
|---|---|---|---|
| **Name**: | TECHCLEAN SYSTEMS cc | **Emergency No**: | +27 82 459 9796 |
| **Address**: | 11 Hillclimb Road<br>Westmead | **Telephone**: | +27 31 700 3878 |

## 1. Product and Company Identification

(Page 1 may be used as an emergency safety data sheet)

| | | |
|---|---|---|
| Trade name: | **BLOCKAWAY** | Chemical abstract no: |
| Chemical family: | ACID DRAIN CLEANER | Noish no: |
| Chemical name: | **BLOCKAWAY** | Hazchem code: |
| Synonyms: | | UN no: |

## 2. Composition

Hazardous components: Sulphuric acid and inhibitors components.
EEC classification:
R Phrases:

## 3. Hazards Identification

Main hazard: STRONG ACID
Flammability: NIL
Chemical hazard: STRONG ACID
Biological hazard: Hazardous to equatic life
Reproduction hazard: NIL
Eye effects eyes: Will attack eye membrane
Health effects skin: Will attack the skin
Health effects ingestion: Will attack stomach lining.
Health effects inhalation: No volatile components
Carcinogenicity: NIL
Mutagenicity:
Neurotoxicity:

## 4. First Aid measures

Product in eye: Flush with copious water. See a doctor
Product on skin: Wash skin with copious water. See doctor
Product ingested: Drink plenty of water or milk.
Product inhaled: Move to a well - ventilated area.

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## 5. Fire Fighting Measures

| | |
|---|---|
| Extinguisher Media: | N/A |
| Special hazards: | STRONG ACID |
| Protective clothing: | Suitable for strong acids |

## 6. Accidental Release Measures

| | |
|---|---|
| Personal precautions: | Wear boots, gloves and goggles |
| Environmental precautions: | Contain the spill and recover |
| Small spills: | Contain and mop up with sand |
| Large spills: | Contain spillage and recover liquid |

## 7. Handling and Storage

| | |
|---|---|
| Suitable material: | Keep in original drum |
| Handling/storage precautions: | Store in a cool dry place |

## 8. Exposure Controls / Personal protection

| | |
|---|---|
| Occupational exposure limits: | N/A |
| Engineering control measures: | N/A |
| Personal protection respiratory: | N/A |
| Personal protection hand: | Wear suitable protective gloves |
| Personal protection eye: | Wear safety goggles |
| Personal protection skin: | Wear suitable overalls |
| Other protection: | N/A |

## 9. Physical and Chemical Properties

| | |
|---|---|
| Appearance: | Black non viscous liquid |
| Odour: | No perfume |
| pH: | 1% solution 1-2 |
| Boiling point: | + 100 degree C |
| Melting point: | N/A |
| Flash point: | N/A |
| Flammability: | N/A |
| Auto flammability: | No flammable components |
| Explosive properties: | N/A |
| Oxidising properties: | N/A |
| Vapour pressure: | N/A |
| Density: | 1.84 |
| Solubility water: | Total |
| Solubility solvent: | Nil |
| Solubility coefficient: | NA |
| Neurotoxicity: | NA |

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## 10. Stability and reactivity

| | |
|---|---|
| Conditions to avoid: | Alkali's |
| Incompatible materials: | Alkali's |
| Hazardous decomposition products: | N/A |

## 11. Toxicological information

| | |
|---|---|
| Acute toxicity: | N/A |
| Skin and eye contact: | N/A |
| Chronic toxicity: | N/A |
| Carcinogenicity: | N/A |
| Mutagenicity: | N/A |
| Reproductive hazards: | N/A |

## 12. Ecological information

| | |
|---|---|
| Aquatic toxicity fish: | LC50 - Not done |
| Aquatic toxicity daphnia: | EC50 - Not done |
| Aquatic toxicity algae: | EC50 - Not done |
| Biodegradability: | Not done |
| Bioaccumulation | The main active is not biodegradable |
| Mobility: | |
| German wgk: | |

## 13. Disposal Considerations

| | |
|---|---|
| Disposal methods: | Contain spillage and recover as much as possible. |
| Disposal of packaging: | Rinse thoroughly with water. |

## 14. Transport Information

| | |
|---|---|
| UN no: | |
| Substance indentity no: | N/A |
| ADR / RID class: | N/A |
| ADR / RID item no: | N/A |
| ADR / RID hazard identity no: | N/A |
| IMDG- shipping name: | N/A |
| IMDG- CLASS: | N/A |
| Imdg- packaging group: | N/A |
| IMDG- marine pollutant: | N/A |
| IMDG- EMS no: | N/A |
| IMDG- MFAG table no: | N/A |
| IATA- shipping name: | N/A |
| IATA- class: | N/A |
| IATA- subsidiary risks: | N/A |
| ADNR- class: | N/A |
| UK- description: | N/A |
| UK- emergency action class: | N/A |
| TREMCARD no: | N/A |

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## 15. REGULATORY INFORMATION

| | |
|---|---|
| EEC- hazard classification: | N/A |
| RISK phases: | N/A |
| SAFETY phases: | N/A |
| NATIONAL legislation: | N/A |

## 16. Other information

## 17. Details of person completing form

| | |
|---|---|
| NAME: | C.M.HODGSON |
| DESIGNATION: | CHEMIST |
| SIGNATURE: |  |
| DATE: | 30 OCTOBER 2024 |

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