

# Safety Data Sheet

Waste handling and transport, RSA. No OELs / BLVs.

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Conforms to SANS 10234:2019, SANS 11014:2010  
SDS compiled: 2022/10/26. Valid until: 2027/10/25  
unless the applicable substance or mixture is altered  
Version: 1

**WASTE MIXTURE: SLUDGE**  
**PASSVEER DITCH - SLUDGE 26.09.2022**

SDS Compiler v20.09.10.05.1

## 1. Identification

### GHS product identifier

Trade name(s) : PASSVEER DITCH - SLUDGE 26.09.2022

Supplier product code : No data available.

### Other means of identification

Other synonym(s) : No data available.

Road & Rail PSN : NOT REGULATED

### Relevant use(s) of the Mixture and restrictions on use

Identified use(s) : WASTE - intended for transport by road or rail, and disposal.

Uses advised against : WASTE - if a commercial product residue, not intended for original use. KEEP AWAY FROM clothing. DO NOT eat, drink or smoke when using this product. AVOID release to the environment. Collect spillage.

### Generator details

Generator name : Umfolozi Sugar Mill

Generator address : Cnr of Mill Road and Flood Lane

Contact title, name : Ms Gwen Wareham

Phone number(s) : +27 82 827 7669

Alternative contact(s) : gwareham@usm.co.za

### Emergency contacts

Contact title, name : Ms Gwen Wareham

Emergency number(s) : +27 82 827 7669

After-hours number(s) : +27 82 827 7669

## 2. Hazards identification

### Classification of the Mixture per SANS 10234:2019

#### GHS hazard category : GHS hazard statements

Not deemed hazardous based on available information.

Hazards not otherwise classified : Not specified due to classification; apply reasonable care.  
classified

#### GHS hazard label elements

Symbol(s) : NONE - Not deemed hazardous based on available information.

Signal word : NONE - Not deemed hazardous based on available information.

#### GHS hazard statements

Physical

Not specified due to classification; apply reasonable care.

Health

Not specified due to classification; apply reasonable care.

Environmental

Not specified due to classification; apply reasonable care.

#### Precautionary measures label elements

General

No data available.

Prevention

P220 : KEEP AWAY FROM clothing.

P261 : AVOID breathing dust, fume, gas, mist, vapours, spray.

P262 : DO NOT get in eyes, on skin, or on clothing.

P270 : DO NOT eat, drink or smoke when using this product.

P273 : AVOID release to the environment.

## Response

- P314 : Get medical advice / attention if you feel unwell.  
P374 : Fight fire with normal precautions from a reasonable distance.  
P391 : Collect spillage.  
P301+P312 : IF SWALLOWED: Call a POISON CENTRE or doctor /physician if you feel unwell.  
P304+P312 : IF INHALED: Call a POISON CENTRE or doctor/physician 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.  
P308+P311 : If exposed or concerned: Call a POISON CENTRE or doctor/physician.

## Storage

No data available.

## Disposal

- P501 : Dispose of contents/container to an approved facility in accordance with all applicable regulations and landfill requirements per this safety data sheet's Section 13.

## Other

No data available.

## 3. Composition or information on ingredients

Substance/mixture : Mixture

Ingredient(s)	CAS/IUPAC/Other Name(s)	[C/I/SA] %	Classification (Regulation)
Passveer ditch - sludge	-	100%	-

Notes to above table: [C] Constituent component; [I] Impurity; [SA] Stabilising Additive; [NS] Not Specified; [O]

Hazardous ingredients : No data available.  
above cut-off levels

Other identifier(s) : No data available.

## 4. First-aid measures

**Where the manufacturer/supplier/generator was unable to specify relevant measures, SANS 10234:2019 precautionary statements have been used.**

Immediate actions : If exposed or concerned: Call a POISON CENTRE or doctor/physician.

Actions to be avoided : DO NOT eat, drink or smoke when using this product. AVOID release to the environment.

### First-aid measures

Inhalation : AVOID breathing dust, fume, gas, mist, vapours, spray. IF INHALED: Call a POISON CENTRE or doctor/physician if you feel unwell.

Skin Contact : KEEP AWAY FROM clothing. DO NOT get in eyes, on skin, or on clothing.

Eye Contact : DO NOT get in eyes, on skin, or on clothing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion : DO NOT get in eyes, on skin, or on clothing. IF SWALLOWED: Call a POISON CENTRE or doctor /physician if you feel unwell.

**Anticipated effects and symptoms summaries - see Section 11 for full explanations**

Acute effects : Not specified due to classification; apply reasonable care.

Delayed effects : Not specified due to classification; apply reasonable care.

Symptoms / effects : Not specified due to classification; apply reasonable care.

**Protection of first-aiders and notes for attending physicians**

First-aid protection : Not specified due to classification; apply reasonable care.

Physician notes : Get medical advice / attention if you feel unwell.

## 5. Fire-fighting measures

**Where the manufacturer/supplier/generator was unable to specify relevant measures, SANS 10234:2019 precautionary statements have been used.**

Unsuitable extinguishing media : Not specified due to classification; apply reasonable care.

Extinguishing media and methods : Not specified due to classification; apply reasonable care.

Specific hazards arising from the Mixture : Not specified due to classification; apply reasonable care.

Protection of fire-fighters : KEEP AWAY FROM clothing. AVOID breathing dust, fume, gas, mist, vapours, spray. Fight fire with normal precautions from a reasonable distance.

## 6. Accidental release measures

**Where the manufacturer/supplier/generator was unable to specify relevant measures, SANS 10234:2019 precautionary statements have been used.**

Personal precautions, protective equipment, and emergency procedures : KEEP AWAY FROM clothing.

Environmental precautions : AVOID release to the environment. Collect spillage.

Methods and materials for containment and for clean-up : Not specified due to classification; apply reasonable care.

Secondary disaster prevention measures : Not specified due to classification; apply reasonable care.

Additional information : Not specified due to classification; apply reasonable care.

## 7. Handling and storage

Safe handling : DO NOT get in eyes, on skin, or on clothing. DO NOT eat, drink or smoke when using this product. AVOID release to the environment.

Safe storage : Not specified due to classification; apply reasonable care.

Technical measures : Not specified due to classification; apply reasonable care.

Incompatible materials : Not specified due to classification; apply reasonable care.

Packaging : Not specified due to classification; apply reasonable care.

Additional information : Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment, and wash hands after use and before entering eating areas.

## 8. Exposure controls and personal protection

### Concentration and exposure limits

Permissible concentration : Not specified due to classification; apply reasonable care.

### Exposure controls and Personal Protective Equipment (PPE)

Engineered controls : Not specified due to classification; apply reasonable care.

Respiratory PPE : Not specified due to classification; apply reasonable care.

Hand / arm PPE : Not specified due to classification; apply reasonable care.

Eye / face PPE : Not specified due to classification; apply reasonable care.

Skin / body PPE : Not specified due to classification; apply reasonable care.

Hygiene measures : Not specified due to classification; apply reasonable care.

### Special conditions posing a hazard

Hazardous conditions : KEEP AWAY FROM clothing.

Additional information : Not specified due to classification; apply reasonable care.

## 9. Physical and chemical properties (whole waste mixture)

Appearance	: Black slurry
Odour	: Leachate odour
Odour threshold	: No data available.
pH, concentration	: 6.8
Melting point	: No data available.
Freezing point	: No data available.
Initial boiling point	: No data available.
Boiling point	: No data available.
Boiling range	: No data available.
Flashpoint	: 93 °C - No Flash
Flammability	: No data available.
Auto-ignition point	: No data available.
Decomposition point	: No data available.
Lower explosion limit	: No data available.
Upper explosion limit	: No data available.
Vapour pressure	: No data available.
Evaporation rate	: No data available.
Vapour density	: No data available.
Density	: No data available.
Bulk density	: No data available.
Relative density, SG	: No data available.
Solubility	: No data available.
Partition coeff. (n-oct)	: No data available.

Partition coeff. (water) : No data available.

Dynamic viscosity : No data available.

Kinematic viscosity : No data available.

Radioactivity : No data available.

## 10. Stability and reactivity

Conditions to avoid : Not specified due to classification; apply reasonable care.

Incompatible materials : Not specified due to classification; apply reasonable care.

Hazardous decomposition : Not specified due to classification; apply reasonable care.

Additional information : Not specified due to classification; apply reasonable care.

## 11. Toxicological information

### GHS Classification of Health Hazards

Acute toxicity : No data available.

Skin irritation/corrosion : No data available.

Eye damage/irritation : No data available.

Respiratory or skin sensitization : No data available.

Germ cell mutagenicity : No data available.

Carcinogenicity : No data available.

Reproductive toxicity : No data available.

Specific target organ toxicity - single exp. : No data available.

Specific target organ toxicity - repeated exp. : No data available.

Aspiration hazard : No data available.

Hazard	Ingredient	Result	Species	Dose	Time

Additional information : Generic hazard data used above.

## 12. Ecological information

### GHS Classification of Aquatic Environment Hazards

Acute aquatic toxicity : No data available.

Chronic aquatic toxicity : No data available.

Hazard to the ozone layer : No data available.

Hazard	Ingredient	Result	Species	Dose	Time

Persistence and degradability : No data available.

Bioaccumulation potential : No data available.

Mobility in soil : No data available.

PBT, vPvB summary : No data available.

Other adverse effects : No data available.

Additional information : Generic hazard data used above.

## 13. Disposal considerations

Current disposal prohibition/restrictions : Type 0, Prohibited Waste per GN R636 (5)(1)(q)(i) Waste which has an angle of repose  $<5^\circ$ , or becomes free-flowing  $\leq 60^\circ\text{C}$  or when it is transported, or is not generally capable of being picked up by a spade or shovel. Prohibited from Aug 2019. See explanatory note in the bulleted paragraph below.

Landfill Class (RSA) (subject to treatment) : Type 3 Waste: Class C Landfill (GLB+) per: GN R635 (7)(2)(d) - strictly subject to treatment due to GN R636 (5)(1) prohibited disposal: see above.

Future disposal prohibition/restrictions : No future restrictions identified.

Safe, environmentally preferred disposal : Dispose of contents/container to an approved facility in accordance with all applicable regulations and landfill requirements per this safety data sheet's Section 13.

Additional information : Do not fly tip. Do not dispose into sewer, stormwater, or environment. Do not burn unless by means of compliant incineration practices.



## 14. Transport information

**Proper Shipping Name (PSN) for: Road & Rail (SANS 10228) | Air (IATA) | Sea Freight (IMO/IMDG)**

Road & Rail PSN : NOT REGULATED

IATA PSN : NOT REGULATED

IMO/IMDG PSN : NOT REGULATED

**Dangerous Goods Transportation: Road & Rail Requirements (SANS 10228:2012)**

UN number :-

Dangerous goods class (& Subsidiary) :-

Packing group :-

Special provisions :-

Packaging codes :-

Marine pollutant : No data available.

**Transport in bulk according to MARPOL 73/78 Annex II and the IBC Code**

Regulation : Not intended for sea freight.

Shipment approved : Not intended for sea freight.

Pollution name : Not intended for sea freight.

Pollution category : Not intended for sea freight.

Ship type : Not intended for sea freight.

**Additional information**

Additional information : No data available.

## 15. Regulatory information

Occupational H&S	: Occupational Health and Safety Act (Act No. 85 of 1993)
Environment & Disposal	: National Environmental Management: Waste Act (Act No. 59 of 2008) : GN R634 Waste Classification and Management Regulations : GN R635 National Norms & Standards for the Assessment of Waste for Landfill Disposal : GN R636 National Norms and Standards for Disposal of Waste to Landfill
Other (domestic)	: National Road Traffic Act, 1996 (Act No. 93 of 1996)
Other (international)	: No data available.
Classification & Hazard communication	: SANS 10228:2012 The identification and classification of dangerous goods for transport by road and rail modes : SANS 10234:2008 List of classification and labelling of chemicals in accordance with the Globally Harmonized System (GHS) : SANS 10234:2019 Globally Harmonized System of classification and labelling of chemicals (GHS)

## 16. Other information

Compilation & version : 2022/10/26, Version: 1, Revision: -

Revision(s) : Not applicable

### Summary of Mixture Hazard Classification and Categories

Hazard Information : Not deemed hazardous based on available information.

### Summary of Mixture Hazard Statements

Hazard Statements : No data available.

Signal word : NONE - Not deemed hazardous based on available information.

Other : No data available.

## Disclaimer & Use

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