

TECHNICAL SAFETY DATA SHEET

HD 23 – HEAVY DUTY POWDERED DRAIN CLEANER

CERTIFICATION:

None

Section 1. Product Description and Picture

HD23 is an off-white heavy duty powdered drain cleaner that has been designed to digest organic matter such as food particles, hair, fat and greases, lint and hard water soap deposits. It is safe on plumbing fixtures, iron, steel, stainless steel and ceramic drain pipes. It will not harm pyrex, polyethylene and PVC drains, but should not be used on aluminium, galvanised iron or garbage disposal units.

HD23 unique effervescence and gas evolution causes a scrubbing action that accelerates the digestion and emulsification of matter causing drain blockages.



HD23 finds application in:

Meat Plants	:	Kill area, sausage kitchen, smokehouse, coolers, packaging department, livestock pens.
Dairy Plants	:	Raw receiving, pasteurisation, bottle washing and filling departments
Beverage Plants	:	Warehouses, bottle washing and filling plants.
Canning	:	Peeling and filling areas
Poultry	:	Breeding operation, cut up and packaging, eviscerating, plucking and receiving areas.
Bakery	:	Pan washing and dough preparation.
Drugs	:	Fermentation area.
Rendering	:	Cook room and processing room.
Hotels	:	Food preparation areas, wash up areas, bathrooms and toilets.
Industrial Plants	:	Washrooms, workshops etc.

HD23 releases all fats, greases and organic matter from drains, grease traps and down pipes.

Section 2. Technical Data

Appearance	:	White Free Flowing Powder
Odour	:	Slight Pine
Flammability	:	Flammable gases released when in contact with water
pH	:	1% Solution. Greater than 13
Causticity	:	High
Digestion Ability	:	Complete
Emulsification	:	Rapid
Wetting Ability	:	Excellent

Section 3. Method of Application

Clogged Drains	:	Remove sufficient water from the drain to allow the addition of 0,5 – 1,0 kg HD23 into the drain, depending on the size of the drain. Allow to stand for at least 30 minutes. Severe blockages may require several applications.
Sink Drains	:	Add 100 grams HD23 to the drain and add 1 litre of water.
Floor Drains	:	To keep floor drains free flowing add 0,5-1,0 kg HD23 at regular intervals followed by 2-3 litres water.

HYGIENE DISPOSABLES

1 Bushbuck Close - Unit 2, Corporate Park - South, Midrand
Tel: +2711 314 0714 • E-mail: sales@hyg.co.za • Web: www.hyg.co.za

Section 5. Health and Safety Precautions

Contains caustic alkalis.

Avoid contact with skin and eyes. Use extreme care in handling.

DO NOT take internally.

Gas evolved is flammable!! DO NOT use near naked flames or smoke whilst using HD23.

Eye Contact : With the eyes wide open, flush with plenty of water and seek medical attention.

Skin Contact : Flush with lots of water immediately.

Inhalation : Avoid breathing in the dust.

Ingestion : Seek urgent medical attention. Do not induce vomiting.

Section 6. Spillage and Disposal

Store in a cool dry area. DO NOT expose to moisture. Keep bags tightly closed when not in use.

Empty containers, or used containers should be sealed and returned to the supplier, or dumped at a waste disposal site according to local regulations. If this is not possible, container should be thoroughly rinsed with soap and water and stored well closed until it can be disposed of.

Technical Assistance

The Technical Sales Representative will provide assistance as required to the customer, before, during and after a trial.

Should any problem arise with the application of the product, the Technical Sales Rep should be contacted immediately.

Head Office contact number is: 011-314 0714

The information contained herein is based on our best current technical knowledge of the product concerned and is given in good faith.

The attention of end users is drawn to (amongst other things) the element of risk consequent to the use of the product for purposes other than that for which it was intended. In no way does the document remove the need for the user of this product to fully understand and apply statutory requirements. It is the user's sole responsibility to take due precautions relative to the use made of the product. All the information included herein is intended onto to assist the reader in fulfilling his or her statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive and does not exonerate the reader from taking other precautions described in documents other than those mentioned concerning the storage and use of the product for which he or she remains the sole person responsible.
