

TECHNICAL SAFETY DATA SHEET

HD 11 – CRATE WASH : Caustic Based

CERTIFICATION:

SANS 1828 / 2016 (FOOD GRADE) – INTERTEK EUROPE
Alkadet 100 (FG)

Section 1. Product Description and Picture

HD 11 is a multi-application, concentrated, high alkaline, heavy duty, low foam cleaner.

Effectively used for industrial cleaning tanks & pipes to remove tenacious food based soiling & associated residuals, including that of sauces, beers, sugars, carbohydrates, dairy, grease, general fats & proteins. Highly effective as a floor scrub to remove a variety of grime residue. General CIP cleaning applications including bottle and crate washing. May be used for hard surface degreasing, motor oil and associated grime cleaning applications.



Advantage : Highly concentrated liquid, multi-functional, good all-rounding cleaning ability, free rinsing and easy to use. Effective on most types of food protein and general hydrocarbon soiling. Solvent, phosphate, phenol and ammonia free.

HD 11 is a must have product in all industries that demands a multi-functional, easy to use effective low foaming caustic based cleaning compound.

CAUTION : Do not use neat on aluminium, avoid prolonged contact with aluminium

Section 2. Technical Data

Colour	:	Amber
Appearance	:	Non viscous liquid
Odour	:	Caustic
pH	:	> 12
Flash Point	:	Not Applicable
Dissolvable	:	In water only

Section 3. Properties

Water soluble cleaner, contains amongst other additives, superior chelating agents, sodium hydroxide & non-ionic de-foaming surfactant.

Section 4. Method of Application

Mainly used via controlled dosing unit for CRATE / CIP / BOTTLE WASHING.

Manual, spray or scrubbing method. Ensure equipment conforms to HACCP specification.

Dilute via dosing equipment direct into automated system. Dilute to suit application.

***Best used with water exceeding temperature > 45°C**

Dilute at 0,1% - 0,5% ratio 5ml : 1L water depending on soiling

Application	Product	Water Minimum	Water Maximum
Light Duty	1	100	500
Midium Duty	1	50	100
Heavy Duty	1	10	50

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

Storage

Cool storage. Avoid sunlight. Keep the container sealed

Skin

Avoid skin contact.

Use gloves.

Should skin come into contact with product – wash skin with water, a barrier cream or moisturising cream should be applied to the affected area.

Eyes

Avoid eye contact.

Use goggles.

Eyes should immediately be washed out with copious volumes of water or eye wash solutions.

Ingestion

Do Not Ingest.

Consult a physician **immediately**.

Section 6. Spillage and Disposal

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.
