



DESCRIPTION

Cask Clean is specially formulated for use in the brewing industry for scale and beerstone removal in casks. It may be used as a “one off” quick scale remover or as a highly effective regular internal cask washing detergent.

It has excellent soil wetting, suspension and dispersion properties and is suitable for use on Stainless Steel, Aluminium and their alloys.

Cask Clean can also be used in the Beverage/Food Processing industries and other high care environments.

USE INSTRUCTIONS

In use concentrations of Cask Clean are application dependent and should be established during trials.

Cask Clean can be used at temperatures up to 70°C, but cleaning temperatures should be optimised during trials.

Cask Clean is not suitable for direct food / beverage contact.

The following are typical example applications, users should refer to Cleaning Instruction Cards for specific guidance. Other applications should be discussed with your Holchem Consultant.


Cask Renovation. Cask Clean is typically used at between 5% and 10% v/v for 10 minutes as a soak or spray clean to give rapid removal of beerstone. After the detergent cycle, efficient rinsing is essential.

Cask Washing Detergent. Cask Clean is used at 0.5% to 1% v/v for internal cask washing. It can be controlled and dosed automatically by conductivity or by a proportioner. Typical contact times are 10 – 30 seconds. After the detergent cycle, efficient rinsing is essential.

BENEFITS

- Excellent removal of mineral scale and beerstone.
- Good soil removal and suspension.
- Suitable for recirculation.

TECHNICAL DATA

Appearance	Clear, colourless to pale yellow, non-viscous liquid
Odour	Detergent
Specific Gravity at 20°C	1.26
pH (1% solution at 20°C)	6.5 – 7.5
Chemical Oxygen Demand (COD)	67.2 g/L (as supplied)
Nitrogen Content (N)	0 g/L (as supplied)
Phosphorous Content (P)	58.6 g/L (as supplied)
Mercury	0.0004 mg/L (max)
Cadmium	0.07 mg/L(max)
Storage Temperature Range	-5°C to +40°C
Shelf Life	Minimum of 2 years under normal conditions
Holchem Classification	

PRODUCT COMPATIBILITY

It is safe at in use strengths for use on all common materials of construction found in casks.



BIODEGRADABILITY

The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004. Not expected to Bioaccumulate.

TEST METHODS

DROPPER TEST (NEUTRAL TEST KIT)

Reagent	Ref.	Equipment	Ref.
Methyl Orange Indicator	SKS00809-01	20 ml Syringe	SKS00822
PA2	SKS00800-02	Polycarbonate Test Jar	SKS00823

Step Method

- 1 Using the syringe, transfer 10 ml of the test solution into the test jar.
- 2 Add 2 – 3 drops of methyl orange indicator. The solution should turn pale yellow.
- 3 Add PA2 dropwise shaking the bottle to ensure the solution is mixed properly, until the solution turns to a reddish-orange. Note the number of drops of PA2 used.
- 4 **% v/v Product = (No. of drops of PA2) x 0.085**

SAFE HANDLING & STORAGE

Keep in original container. Keep containers tightly closed.

COSHH places a duty on employers to assess and control the risks of using hazardous substances. The Safety Data Sheet provides the relevant information about the product to assist with this assessment.

PACKS

Cask Clean is available in the following pack sizes:

- 30 Kg
- 240 Kg
- 1250 Kg

GENERAL

For accident, emergency and health & safety information refer to the Safety Data Sheet for this product. This product is registered with the National Poisons Information Service.

EMERGENCY TELEPHONE NUMBERS

Outside Office Hours: - For accidents and spillages involving this product that pose a threat to the environment, or human health, or require immediate first aid advice call: - +44(0) 7050 265597.

Note: This number will not accept order queries or calls dealing with equipment breakdowns.

Environment Agency (24 hr Advisory Service)	0800 807060
Irish Environment Protection Agency	1890 335599

Whilst every effort is made to ensure that the information given in this product information sheet is accurate it is given without guarantee, since the conditions of use are beyond our control.