



DESCRIPTION

Ultra Cask is specially formulated for use in the brewing industry for scale and beerstone removal in casks. It has excellent soil wetting, suspension and dispersion properties. Ultra Cask is suitable for use on Stainless Steel, Aluminium and their alloys. Ultra Cask can also be used in the Beverage/Food Processing industries and other high care environments.

USE INSTRUCTIONS

In use concentrations of Ultra Cask are application dependent and should be established during trials. Ultra Cask can be used at temperatures up to 70°C, but cleaning temperatures should be optimised during trials. Ultra Cask 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 Washing Detergent.** Ultra Cask is used at 0.5% to 1% v/v for internal cask washing. 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	Colourless to pale yellow non-viscous liquid
Odour	Faint detergent
Foam	Low foam
Specific Gravity at 20°C	1.03
pH (100% solution at 20°C)	11 – 11.4
Storage Temperature Range	Store below 40°C Stable to -5°C, but frost protection is recommended
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

### CONDUCTIVITY

The specific conductivity at 20°C is approximately 0.4 mS / per 1% v/v. This may be too low for accurate dosing control, it is much better to use timed dosing and check solution strength using a Total EDTA Test Kit.

### DROPPER TEST (TOTAL EDTA TEST KIT)

Reagent	Ref.	Equipment	Ref.
0.01M Copper Sulphate Soln	SKS00805-01	5 ml Syringe	SKS00820
5M Acetic Acid	SKS00805-02	Polycarbonate Test Jar	SKS00823
PAN Indicator	SKS00805-03		

### Step Method

- 1 Using the syringe, transfer 5 ml of the test solution into the polycarbonate test jar.
- 2 Add 10 drops of PAN indicator followed by 10 drops of 5M Acetic Acid. The solution will turn yellow.
- 3 Add 0.01M Copper Sulphate drop wise until the solution changes to a permanent purple/violet colour.
- 4 **% v/v product = (No. of drops of Copper Sulphate solution) x 0.088**

## 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

Ultra Cask is available in the following pack sizes:

- 25 Kg
- 200 Kg
- 1000 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 Environmental Protection Agency	Lo Call: 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.