HYGIENE

PHOSPHORIC ACID 30%

TECHNICAL DATA SHEET

Description

Phosphoric Acid 30% (E338) is a clear, food-grade solution used in cleaning applications to remove beer stone and mineral scale

Benefits

- Removes beer stone scale that cannot be removed using normal alkali cleaning
- Removal of scale allows efficient sanitisation and prevents infection of beer

Principle

Phosphoric Acid is used as a general descaler and cleaner for use on both stainless steel plant and mixed materials such as stainless steel/copper or stainless steel/brass. It is used to remove light scale from a variety of vessels, pipework and equipment. We recommend testing the cleaning product on a small, inconspicuous area first to ensure material compatibility before full application.

PRODUCT CODE

PHOSA30

COMMODITY CODE

28092000

PACKAGING (kg)

5.5

25

1150

STORAGE

Keep in original container

Keep containers sealed when not in use

Store in dry, cool conditions away from direct sunlight

Do not allow to freeze

Temperature

Recommended storage temperature is 5°C - 25°C

Shelf Life

At the recommended storage conditions, 12 months from the date of manufacture

Application and Rates of Use

Phosphoric Acid 30% should be diluted with water before use to give a solution containing 1-2% acid, dependent upon the degree of scaling. When diluting, always add phosphoric acid slowly to water while stirring. Never add water directly to the acid, as this may cause excessive heat generation and splashing.

Phosphoric Acid 30% is effective for removing inorganic scale deposits from brewing equipment, including Hot Liquor Tanks, kettles, whirlpools, hop backs, heat exchangers (paraflows) and fermenters.

It is suitable for CIP cleaning of fermenters, maturation vessels and bright beer tanks, without requiring prior CO_2 removal.

Apply by circulating through the CIP system or soaking for 1–24 hours, depending on the severity of the scale deposits.

Always follow the recommended concentration, temperature and contact time.

Guideline for use

- Read the Safety Data Sheet prior to use
- In case of contact with skin and eyes wash immediately with plenty of water
- Wash away spillages with plenty of water
- Ensure suitability for the intended application

TECHNICAL SUPPORT

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REGULATORY COMPLIANCE INFORMATION

Refer to the 'Product Specification Sheet'

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	Product code : PHOSA30
	Doc Ref : TDS118
For Health & Safety Information refer to the Safety Data Sheet	Issue Date : 12/11/2026
	Issue Number : V06
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