Safripol a division of KAP Diversified Industrial (Pty) Ltd

Technical Data Sheet

UFC

Urea Formaldehyde concentrate

UFC is an aqueous Urea Formaldehyde concentrate typically used as the raw material in producing other Urea Formaldehyde based resins

Oher usages of UFC is also as a preservative in the animal feed industries.

Typical Applications

- Raw material
- Preservative in animal feed

Appearance:

Translucent to white liquid

PROPERTIES[1]	VALUE	UNIT	TEST METHOD
pH @ 25ºC	6.00 – 8.00	~	EN 1245 E2
Density @ 25ºC	1.270 – 1.310	g/cm^3	EN 542:2003
Brookfield Spindle Viscometer	80 – 250	Centipoise	EN 12092:2001
% Formaldehyde	50 – 60	%	Internal Test Method
% Urea	20 - 28	%	Internal Test Method
Theoretical Solids	70 – 85	%	Internal Test Method
Free Formaldehyde	25 – 36	%	EN 1243:2011

[1] Typical values; not to be construed as specification limits.

PACKAGING:	UFC is sold in bulk only.
STORAGE & HANDLING:	UFC should be stored under cool and dry conditions. Safripol will not replace or re-work resin that has become unusable due to faulty storage or handling. It is the customer's responsibility to ensure that the condition of the resin is monitored at all times. This means measuring and recording the pH, viscosity and temperature of the resin on a daily basis.
SHELF LIFE:	No specification – UFC is a more stable compound and can be stored for long periods.

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Product Stewardship	At Safripol*, protecting people and the environment will be a part of everything we do and every decision we make. Each employee has a primary responsibility in ensuring that our products and operations meet applicable government standards. Our goal is to eliminate all injuries, prevent adverse environment and health impacts, reduce wastes and emissions and promote resource conservation at every stage of the life cycle of our products. The success of this rests with each and every individual involved with Safripol* products throughout the life cycle.
Food Contact Compliance	UFC Urea Formaldehyde Concentrate complies with Commission Regulation (EU) No 10/2011 and with U.S. FDA 21 CFR 175.300(c)(xii) food contact regulations when chemically modified with alcohols and processed according to good manufacturing practices for food contact applications. The purchaser remains responsible for determining whether the use complies with all relevant regulations.
Customer Notice	Safripol* strongly encourages its customers to review both their manufacturing processes and their applications of Safripol* products from the standpoint of human health and environmental quality to ensure that Safripol* products are not used in ways for which they are not intended or tested. Safripol* personnel are available to answer your questions and to provide reasonable technical support. Safripol* product literature, including safety data sheets, should be consulted prior to use of Safripol* products. Current safety data sheets are available from Safripol*.
Safripol Medical Application Policy	Safripol* will not knowingly sell or sample any product or service ("Product") into any commercial or developmental application that is intended for: a. permanent (Long term) contact with internal body fluids or internal body tissues. Long term is a use which exceeds 72 continuous hours. b. use in cardiac prosthetic devices regardless of the length of time involved; (Cardiac prosthetic devices include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass assisted devices); c. use as a critical component in medical devices that support or sustain human life; or d. use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction. Additionally, all Products intended for use in pharmaceutical applications, other than pharmaceutical packaging, must pass the current Pharmaceutical Liability Guidelines. ● New business opportunities require a business assessment prior to sale or sampling of Safripol* products. ● Authorized distributors and resellers will adhere to this medical policy. ● Safripol* does not endorse or claim suitability of their products for specific medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that the Safripol* product is safe, lawful, and technically suitable for the intended use. SAFRIPOL* MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE SUITABILITY OF ANY SAFRIPOL* PRODUCT FOR USE IN MEDICAL APPLICATIONS.
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Additional Information

Contact details

Safripol a division of KAP Diversified Industrial (Pty) Ltd*
P O Box 2000
Piet Retief
2380
South Africa

Website: www.safripol.com

Published:

Piet Retief:
Tel: +27 (0) 17 826 8600

Gauteng:
Tel: +27 (0) 11 575 4549

Email: info@safripol.com

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