

302 FalcoPure 99.8%

High Purity Isopropyl Alcohol for Offset Dampening Systems

DESCRIPTION :

301 FALCOPURE 99.8% IPA is a premium-grade, high-purity Isopropyl Alcohol (IPA) specially intended for use in offset printing dampening systems. Manufactured to a minimum purity of 99.8%, it provides outstanding consistency and performance in sheetfed, heatset web, and coldset offset printing applications. When added to fountain solution, FALCOPURE significantly reduces the surface tension of the dampening solution, enabling the formation of a uniform and stable water film on the printing plate. This improves plate wetting, minimizes water consumption, enhances ink-water balance, and allows faster press start-ups with reduced waste. Its exceptionally low level of impurities helps maintain cleaner dampening systems while ensuring consistent print quality, sharper image reproduction, and improved press productivity. The product is compatible with all major dampening systems and fountain concentrates.

FEATURES & BENEFITS

- Minimum 99.8% purity for consistent printing performance.
- Effectively lowers fountain solution surface tension.
- Produces a uniform, thin dampening film on the printing plate.
- Improves ink-water balance and print stability.
- Reduces paper waste during press start-up.
- Minimizes scumming, toning, and emulsification problems.
- Promotes faster drying and cleaner printing.
- Compatible with all major fountain concentrates and dampening systems.
- Low impurity content helps keep circulation systems cleaner.
- Suitable for sheetfed and heatset web presses

Property	Typical Value
Appearance	Clear, Colourless Liquid
Chemical Name	Isopropyl Alcohol (IPA)
Purity	=99.8%
Odour	Characteristic Alcohol Odour
Specific Gravity @ 20°C	0.785 ± 0.005
Boiling Point	Approx. 82°C
Flash Point (Closed Cup)	Approx. 12°C
Water Solubility	Completely Miscible
Evaporation Rate	Fast

Technical Data Sheet

SAFETY INFORMATION

- Highly flammable liquid and vapour.
- Keep away from heat, sparks, open flames, and hot surfaces.
- Use only in well-ventilated areas.
- Avoid prolonged skin and eye contact.
- Wear suitable protective gloves and safety glasses during handling.
- Refer to the Safety Data Sheet (SDS) before use.

PACKING :

05 LTRS X 4 pcs
25 Ltrs Cans
210 Ltrs Barrels
1000 Ltrs Tote Tanks

HMIS® RATING	
PRODUCT NAME: FALCOPURE 99.8% IPA	PRODUCT CODE: 301
HEALTH • MAY BE HARMFUL IF SWALLOWED. • PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYNESS OR IRRITATION.	1
FLAMMABILITY • HIGHLY FLAMMABLE LIQUID AND VAPOR. • FLASH POINT: 12°C (CLOSED CUP)	3
PHYSICAL HAZARD • COMBUSTIBLE LIQUIDS. • KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.	0
PERSONAL PROTECTION • SAFETY GLASSES • CHEMICAL RESISTANT GLOVES	B
RATING SCALE 4 = SEVERE HAZARD 3 = SERIOUS HAZARD 2 = MODERATE HAZARD 1 = SLIGHT HAZARD 0 = MINIMAL HAZARD	PERSONAL PROTECTION INDEX A B C D E F G I J K Consult MSDS Section 8 for appropriate PPE selection.
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