

302 Lithograde IPA

Economical IPA-Based Dampening Additive

DESCRIPTION:

303 Lithograde IPA is an economical, specially formulated dampening additive designed to deliver performance comparable to conventional Isopropyl Alcohol (IPA) on offset printing presses. Its balanced combination of IPA and functional additives helps reduce surface tension, improve wetting and maintain stable ink-water balance during printing. Lithograde IPA is suitable for commercial sheetfed offset presses where reliable dampening performance and economical operation are required

KEY FEATURES:

- Economical alternative to conventional high-purity IPA
- Helps reduce the surface tension of dampening solution
- Promotes fast and uniform wetting of the printing plate
- Supports stable ink-water balance
- Helps maintain a thin and consistent water film
- Reduces the tendency for scumming and toning
- Supports faster press start-up and cleaner printing
- Suitable for use with conventional dampening systems
- Consistent performance across normal pressroom conditions

Property	Typical Value
Appearance	Clear, colourless liquid
Odour	Characteristic alcoholic odour
Solubility in water	Completely miscible
Recommended dosage	8–12%
Application	Offset press dampening solution

The values stated above are typical and should not be considered product specific

Recommended Dosage

Add 8–12% of 303 Lithograde IPA to the prepared dampening solution.

The optimum dosage may vary depending on:

- Press speed and configuration
- Type of dampening system
- Fountain solution concentrate
- Water quality and hardness
- Ink and substrate characteristics
- Pressroom temperature and operating conditions

Begin at the lower dosage and increase gradually until the desired wetting and ink-water balance are achieved.

Directions for Use

1. Fill the dampening-solution tank with the required quantity of water.
2. Add the recommended quantity of fountain-solution concentrate.
3. Add 303 Lithograde IPA at 8–12% while circulating or stirring.
4. Check and adjust the pH and conductivity according to press and fountain-solution requirements.
5. Maintain the lowest effective dosage that provides clean and stable printing.

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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