



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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PRODUCT LITERATURE

ITAWASH-LT

Product Information

Itawash-LT is a low temperature washing-off agent for Reactive dyes. Itawash-LT reduces time, energy and water against conventionally used washing-off agent. Itawash-LT improves the fastness properties of the dyed substrate.

Key Features & Benefits

Key Features	Benefits
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Low temperature washing-off agent	Works at 40-45deg.C
Single bath washing for dark shades	Reduction in time, energy and water

General Characteristics

Physical appearance	: Colourless clear liquid
Ionic nature	: Cationic
pH of 1% solution	: 6 +/- 1
Miscibility	: Miscible with water
Compatibility	: Compatible with cationic and nonionic products
Stability	: Stable in dilute acid and dilute alkalies

Application

Washing at low temperature (40-45 deg.C)

Itawash-LT	: 1.5-2 %
Bath pH	: 4.5-5.3
Temp.	: 40-45 deg.C
Time	: 20 min

[I] Process sequence for Batchwise operation:

After dyebath drain

1. Cold Wash for 10 min. and drain



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2. Warm Wash at 50 deg.C for 10 min. and drain
3. Neutralize with acetic acid. Adjust the bath pH 5.0-6.0. Run for 5 min. Then raise temp to 60 deg.C, run for 10 min. and drain.
4. Warm Wash with 0.5% Nonionic wetting agent at 50 deg.C for 10 min. and drain
5. Cold Wash for 10 min. and drain
6. Adjust the bath pH 4.5-5.3, run 5 min, check pH, then add 2% Itawash-LT (dosing for 20 min) maintain temp. to 40-45 deg.C, continue for 20-30 min. and then drain.

Note:

- * Single bath washing recommended for dark shades.
- * Double bath washing recommended for orange, bottle green, turquoise and royal blue shades. Dosage of Itawash-LT will be 2% & 1%.

[II] Process sequence for Continuous operation:

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- 1st chamber - Cold wash
 - 2nd chamber - Treatment with 2 g/l Nonionic wetting agent at 50 deg.C
 - 3rd chamber - Neutralizing with Acetic acid; pH 5.0 - 6.0 at 60 deg.C
 - 4th chamber - Treatment with 2 g/l Nonionic wetting agent at 40-45 deg.C
 - 5th chamber - Cold rinse
 - 6th chamber - Treatment with 2 g/l Itawash-LT at pH 4.5 - 5.3, 40 deg.C
 - 7th chamber - Treatment with 2 g/l Itawash-LT at pH 4.5 - 5.3, 40 deg.C
 - 8th chamber - Cold rinse
 - 9th chamber - Cold rinse

Precautions

- Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.
- Shelf Life : 8 months from the date of manufacturing, if stored under controlled conditions.



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[The above information is given in good faith and is without warranty]
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