

ORDYL STRIPPER 5600

PRODUCT DATA SHEET
EDITION 02 – 29 July 2015

PRODUCT DESCRIPTION

Ordyl Stripper 5600 is an alkaline, fully aqueous solvent free dry film stripper concentrate designed to strip all commercially available aqueous dry film resist products.

Ordyl Stripper 5600 with filtration system will strip approximately 15 – 20m² of 50 µm aqueous resist per litre of strip solution.

Ordyl Stripper 5600 can be used in conveyORIZED spray or immersion stripping systems.

Benefits:

- Completely solvent free
- Contains no glycol ether – type solvents
- Leaves metal surfaces bright and untarnished.
- Highly concentrated.
- Removes adhesion promoters completely.
- Will not attack tin or tin lead plating

EQUIPMENT

Equipment	Material
Tank	PVC, PP, PE, 304-316 Stainless Steel
Heater	Stainless Steel, Teflon, Titanium

MAKE-UP PROCEDURE

Component	Quantity
Ordyl Stripper 5600	5%
Water	95%

OPERATING PARAMETERS

Parameters	Range	Optimum
Concentration	3 – 7%	5%
pH	11 – 12	11.5
Temperature	40 – 60°C	50°C

If operation of Ordyl Stripper 5600 produces excessive foaming, 0.25 – 1.0ml/l of Antifoam C should be added to working solution.

ANALYSIS PROCEDURE

Determination of Ordyl Stripper 5600 Concentration

Equipment

- Pipette
- 50ml burette
- 250ml Erlenmeyer flask
- pH meter

Reagents

- HCl Solution 0.1N
- Methyl Orange Indicator

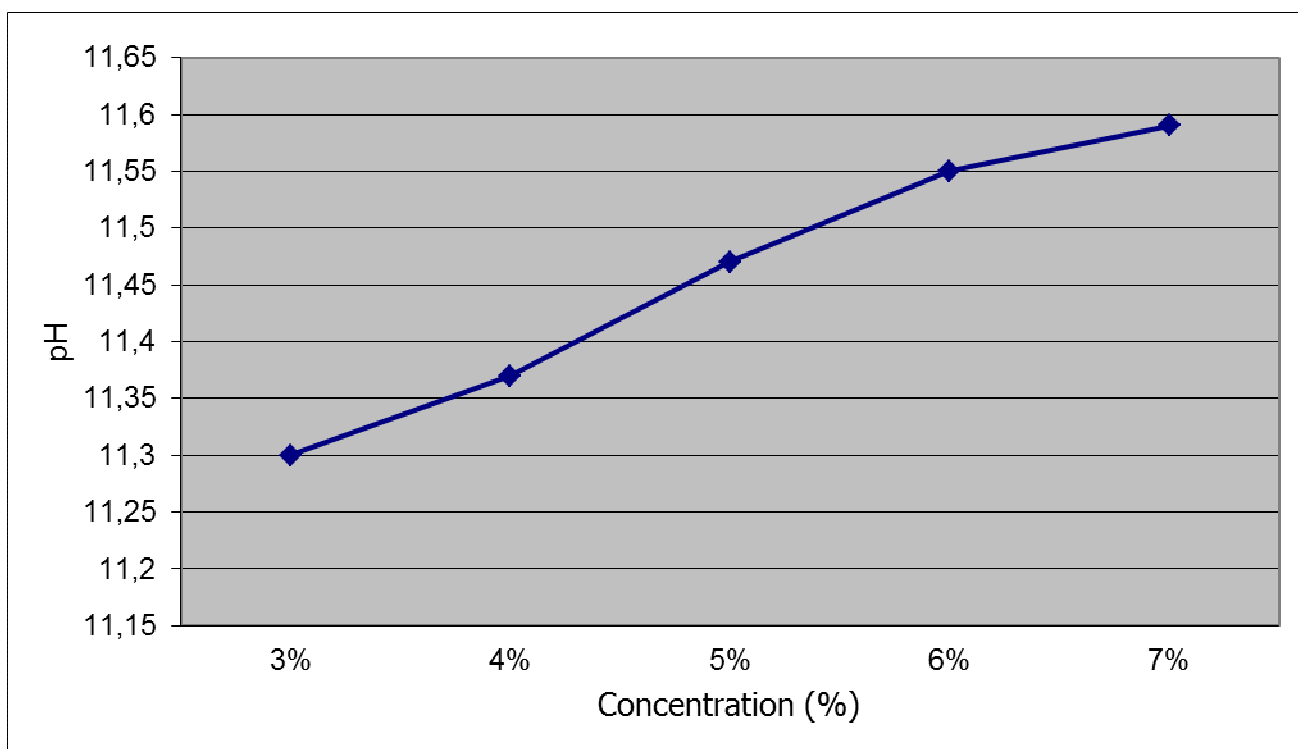
Procedure

1. Pipette 2ml of working solution into a 250ml Erlenmeyer flask
2. Add 100ml of DI water
3. Add 3-4 drops of Methyl Orange Indicator
4. Titrate with HCl 0.1N to a orange end point
5. In a loaded stripper, the colour change may be masked by the resist dye: in this event, use a pH meter and titrate to pH 4.

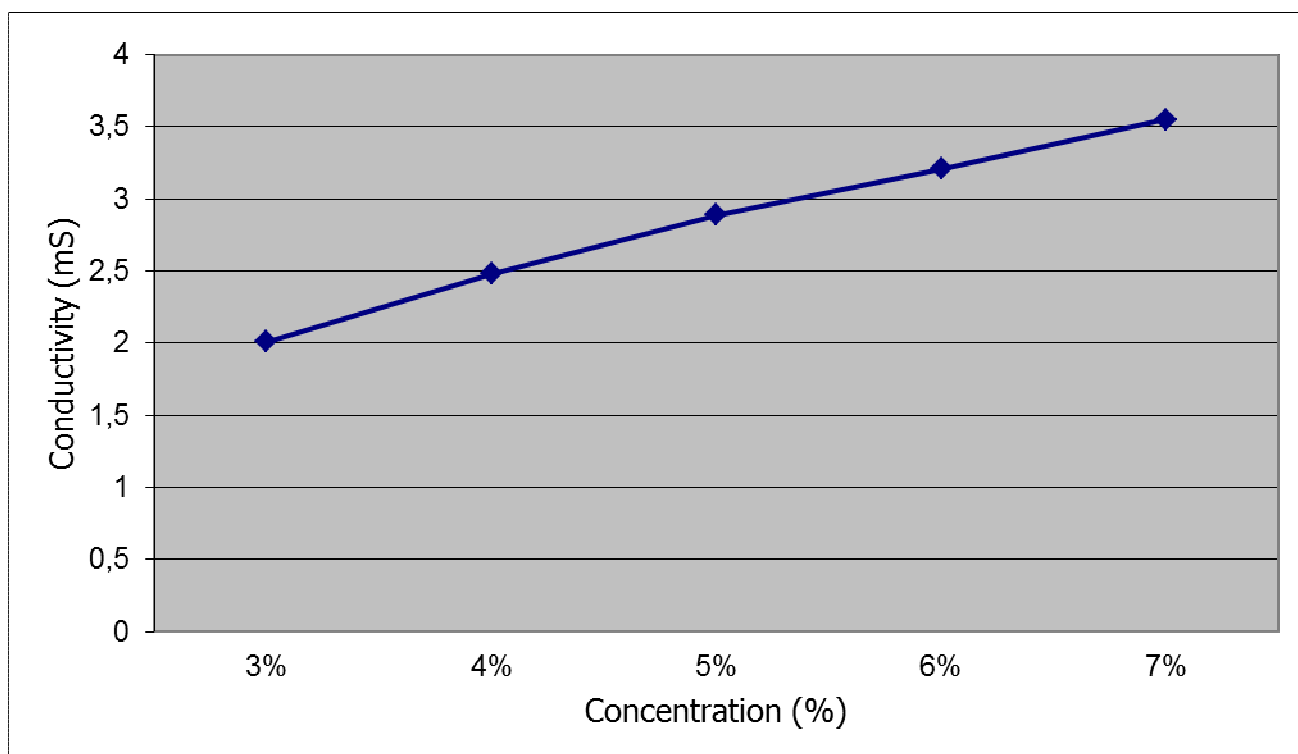
Calculation

% Ordyl Stripper 5600 (by volume) = mls HCl * 0.42

RELATION BETWEEN pH AND CONCENTRATION



RELATION BETWEEN CONDUCTIVITY AND CONCENTRATION



PACKAGING

25 litre or 200 litre polyéthylène drums or 1000 litre polyéthylène tanks.

STORAGE

Store in the original container. Do not store in direct sunlight, high temperature areas or below freezing.

If separation occurs, warm and stir until redissolved.

Keep container closed when not in use.

DISPOSAL

Ordyl Stripper 5600 contains complexing agents.

Do not mix with metal - bearing waste streams.

Dispose of spent solutions in accord with local regulations.

HANDLING PRECAUTIONS

This product is an alkaline solution and will cause burns to eyes and skin.

Avoid contact with eyes, skin and clothing, do not ingest.

Avoid breathing mist or vapour from solution.

Safety glasses, rubber gloves and rubber apron should be worn when handling this material.

READ MATERIAL SAFETY DATA SHEET PRIOR TO HANDLING THIS PRODUCT

In case of order please indicate this code:

ORDYL STRIPPER 5600

F90100

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