

ORDYL STRIPPER 5000

PRODUCT DATA SHEET
EDITION 03 – September 26th 2021

PRODUCT DESCRIPTION

Ordyl Stripper 5000 is a unique, highly alkaline, fully aqueous concentrate dry film stripper designed to strip all commercially available aqueous dry film resist.

Ordyl Stripper 5000 with filtration system could strip approximately 15 – 20m² of 50 µm aqueous resist per litre of concentrate.

Ordyl Stripper 5000 may be used in conveyORIZED spray or immersion modes.

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 5000	6-8% v/v
DI water	92-94% v/v

OPERATING PARAMETERS

Parameters	Range	Optimum
Concentration	5 – 10%	7%
pH	10 – 11	10.5
Temperature	50 – 60°C	55°C

If operation of Ordyl Stripper 5000 produces excessive foaming, 0.5 – 1.5ml/l of Antifoam C should be added to working solution.

Bath life will be increased when the solution is used with filtration.

ANALYSIS PROCEDURE

Determination of Ordyl Stripper 5000 Concentration

Equipment

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

Reagents

- HCl Solution 0.1N
- Methyl Orange Indicator

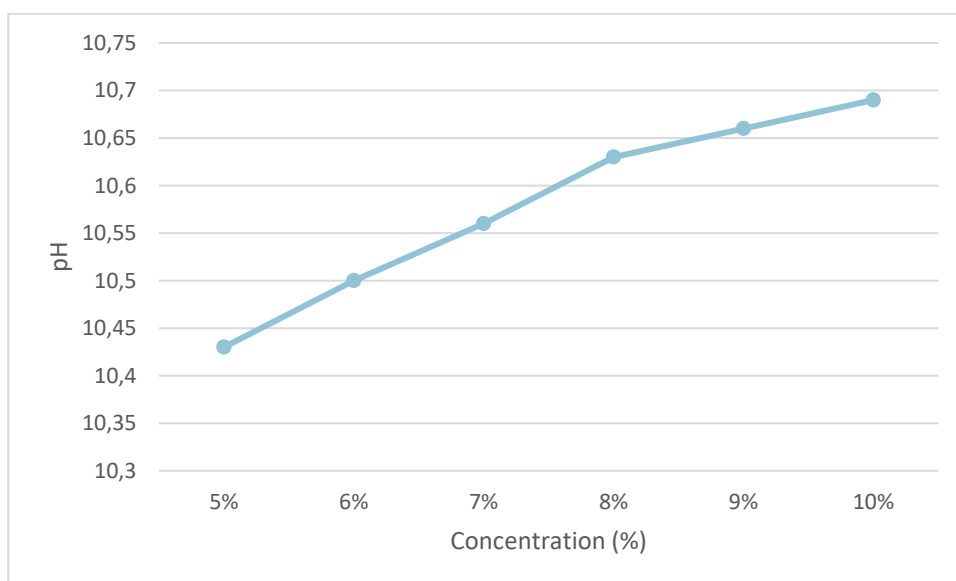
Procedure

1. Pipette 2 ml of working solution into a 250 ml Erlenmeyer flask
2. Add 100 ml 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

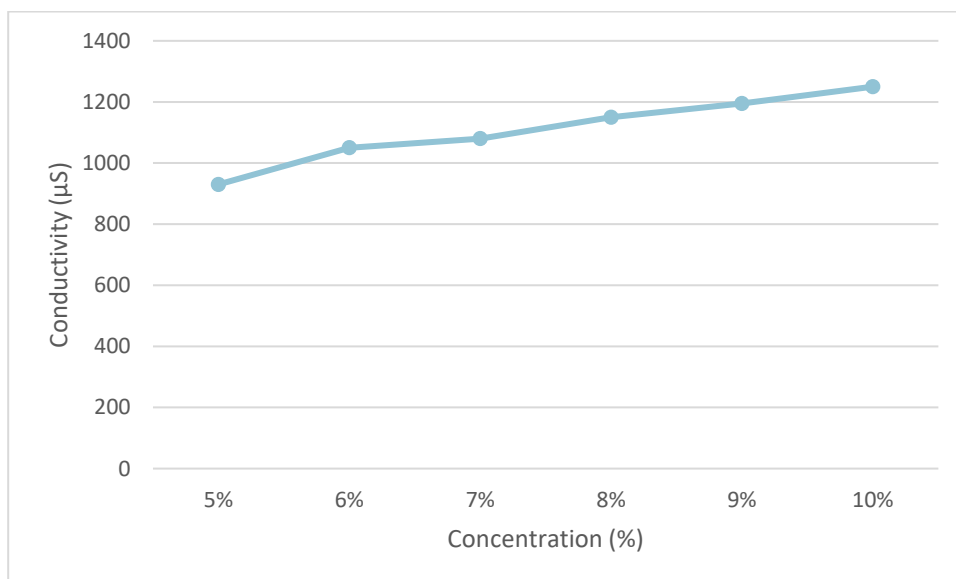
Calculation

% Ordyl Stripper 5000 (by volume) = mls HCl * 0.37

RELATION BETWEEN pH AND CONCENTRATION



RELATION BETWEEN CONDUCTIVITY AND CONCENTRATION



PACKAGING

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

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 5000 contains complexing agents.
Do not mix with metal - bearing waste streams.
Dispose of spent solutions in accord with local regulations.

SAFETY

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 5000	F90200
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