



Confederate Chemicals Ltd

Mochdre Industrial Estate Newtown Powys SY16 4LE

Emerg. tel: 01686 627158

w: www.confederatechemicals.com w: www.paintstrip.com



TECHNICAL DATA SHEET

Muridet

1. USE OF PRODUCT

A liquid detergented, inhibited, derusting and descaling acid used by immersion to remove rust and heat treatment scale from ferrous metals. Other typical uses are descaling and cleaning of spray washers, cleaning tanks, phosphating equipment, steam boilers, heat exchangers, oil coolers and compressors. This product contains surfactants considered by our suppliers to be >80% biodegradable when tested by the OECD screening test which satisfies EEC directives 82/242 and/or 82/243.

2. TYPICAL PROCESS LINE

Stage No.	Process Description	Process Time (mins)	Strength (concentration)	Temperature °C
1 dip	Muridet	1 – 10	10 – 50%	Ambient (do not heat)
2 spray				
3				

For a Safety Data Sheet on this product please contact Confederate Chemicals by telephone, or by e-mail at lab@confederatechemicals.co.uk

3. OPERATING THE CHEMICAL

3.1 Chemicals Required

Muridet

For the control of the process, testing equipment will be required

3.2 Make Up Procedure





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To make up the solution carry out the following instructions:

Determine the working volume of the tank or refer to the relevant Plant Information & Control Summary Sheet. Fill the tank three-quarters full with clean water and begin heating to operating temperature. For each 1000 litres of working solution add:

Product Name	Quantity
Muridet	

3.2 Testing and Control

Take a 10ml sample of working solution, make this up to 100ml with water, take a 10ml aliquot of the dilution and titrate against 0.1N Sodium Hydroxide to the phenolphthalein end point (colourless to pink). Each ml of Sodium Hydroxide required is equivalent to a 1.12% solution of MURIDET.

Replenishment

For each % below the recommended figure add for each 1000 litres of bath solution:

Product Name	Quantity

4. HANDLING OF WORK

5. STORAGE AND HANDLING

6. EQUIPMENT

Rubber lined or suitable plastic tanks are recommended. Mild and stainless steel are unsuitable.

7. MAINTAINANCE





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8. HEALTH AND SAFETY

The solution is strongly acidic and may be hot, therefore care must be taken when operating the process to avoid splashing. The use of protective clothing, including eye or face protection is to be recommended. If contact with the eyes occur, irrigate with copious quantities of clean water and seek medical attention. Eyewash facilities should be available near the plant in case of accident.

A good standard of industrial hygiene should be observed when handling chemicals or operating the process. Do not smoke, eat or drink when handling chemicals and ensure that PPE is replaced, maintained or regularly laundered as recommended.

Further information, including First Aid details, as required by COSHH Regulations will be found in the relevant Material Safety Data Sheet.

