



# Confederate Chemicals Ltd

Mochdre Industrial Estate Newtown Powys SY16 4LE

Emerg. tel: 01686 627158

w: [www.confederatechemicals.com](http://www.confederatechemicals.com) w: [www.paintstrip.com](http://www.paintstrip.com)



## TECHNICAL DATA SHEET

### Super Acidet

#### 1. USE OF PRODUCT

A strongly acidic detergent liquid, used to clean and pickle steel surfaces. 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 82/243.

#### 2. TYPICAL PROCESS LINE

Stage No.	Process Description	Process Time (mins)	Strength (concentration)	Temperature °C
1 dip	Super Acidet	0.5 - 10	10 – 30%	40 – 80°C
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](mailto:lab@confederatechemicals.co.uk)

#### 3. OPERATING THE CHEMICAL

##### 3.1 Chemicals Required

##### Super Acidet

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

##### 3.2 Make Up Procedure

To make up the solution carry out the following instructions:





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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
Super Acidet	

### 3.2 Testing and Control

Titrate a filtered 10 ml sample of the bath against 1.0N Sodium Hydroxide to the phenolphthalein end point (colourless to pink). Each ml required is equivalent to 0.55% SUPER ACIDET.

### 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 or lead lined tanks must be used. Stainless steel is 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.

