



## Product Information Sheet

Re-Issue Date: 01/04/03

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### **RIDSTONE** HEAVY DUTY ACID DETERGENT

#### **DESCRIPTION**

RIDSTONE is a concentrated acid milkstone remover powder, designed for completely and effectively cleaning milking machines.

When used regularly (twice a week) after milking, replacing the usual alkaline cleaning on these occasions, the thermophilic count is dramatically reduced due to the complete removal of scale and milkstone build-up. These deposits are not completely removed by alkaline detergents.

Once a film exists, it builds-up even further by layering due to the coagulation of protein and drying out of deposits. These provide food to allow thermophilic bacteria to multiply and be released into the milk, as a plant with milkstone build-up cannot be effectively sterilised with iodophors and other sanitisers; and milkstone cannot be removed by alkaline detergents.

Complete removal of milkstone thus means that the milking machine surfaces that come in contact with the milk will not be contaminated with the thermophilic organisms. Regular use of RIDSTONE is essential to control milkstone build-up.

#### **METHOD OF USE**

RIDSTONE is designed for use in factory C.I.P. Systems.

For the initial clean, **where milkstone exists**, use 60 to 120 grams of RIDSTONE per 10 litres of very hot water, and recycle at least 20 litres of the acid detergent solution through each set of teat cups. Collect at the reloader and recycle through each set in turn. After this has been completed, brush all surfaces, copiously flush with hot water and allow plant to dry.

The Product Information Sheet supersedes all previous issues for this product. Information contained herein is offered in good faith as being true and accurate to the best of our knowledge, but as the conditions of use are beyond our control, no guarantees are either stated or implied.

Where health or safety data given discloses a risk to the user or the environment, it is the responsibility of the purchaser to pass on the information to employees who may be using the product, ensuring that adequate safety procedures are used, including good industrial hygiene.

#### **Tasman Chemicals Pty Ltd**

**Victoria:** 1-7 Bell Grove, Braeside 3195 Ph: 61-3-9587 6777 Fax: 61-3-9587 5255

**New South Wales:** Suite 15, 380 Pennant Hills Road, Pennant Hills 2120 Ph: 61-2-9980 5999 Fax: 61-2-9484 8647

**South Australia:** 4/159 Williams Street, Beverley 5009 Ph: 61-8-8243 0644 Fax: 61-8-8243 0622

**Tasmania:** 1 Durham Road, Cooeee 7320 Ph: 61-3-6432 1988 Fax: 61-3-6432 1989

**Western Australia:** 8 O'Connor Way, Wangara 6065 Ph: 61-8-9309 2100 Fax: 61-3-9309 2511

**Queensland:** Unit 12/172 Redland Bay Road, Capalaba, 4157 Ph: 61-7-3245 2862 Fax: 61-7-3245 2413



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For twice a week acid cleans (morning and night) the RIDSTONE use rate is 40 grams per 10 litres.

### **PACKAGING**

10 kg drums  
25 kg drums  
200 kg drums

### **SPECIFICATIONS**

#### **Physical Appearance.**

Granulated, free flowing, pink powder. Soluble in hot or cold water.

#### **Chemical constituents.**

965 g/kg sulphamic acid  
20 g/kg nonionic surfactants  
15 g/kg sequestering agents

### **USAGE RATE**

7g per litre water. Heavier soils may require slightly higher rates.

### **WATER TEMPERATURE**

70°C - 100°C.

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