

TECHNICAL BULLETIN



19 Motivation Dve Wangara, WA, 6065 AUSTRALIA
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SCALEHIB 310A

SCALE INHIBITOR FOR WATER TREATMENT

MATERIAL

SCALEHIB 310A is an acidic sequestrant for use in process water treatment. It contains a proprietary mixture of polycarboxylic acids which prevent the formation of SCALE.

BACKGROUND

SCALE is a combination of precipitated mineral salts and suspended solids.

SUSPENDED SOLIDS may be dust particles, biological matter and insoluble mineral matter.

Mineral salts may also be initially dissolved in the water but become insoluble (precipitate or crystallize) due to changing conditions (usually temperature, pH or the introduction of new chemical species). As these dissolved salts crystallize, they physically combine with any suspended solids to form a matrix which is called SCALE.

Crystallization of dissolved salts can be inhibited by preventing the formation of a nucleus on which a crystal grows.

In addition, crystal growth can be inhibited by **POLYCARBOXYLIC ACID SALTS** which distort the crystal growth and prevent them from binding and building regular crystalline shapes.

USES

SCALEHIB 310A can be used in industrial water systems.

APPLICATION

SCALEHIB 310A is particularly suited for calcium carbonate scale control in moderately hard or alkaline water.

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Contact your supplier for appropriate dosage rates.

GENERAL DATA

SCALEHIB 310A is not classified as a dangerous good for purposes of transport or storage.

It is not classed as a poison by the SUSDP

SCALEHIB 310A is classified as hazardous by criteria of the NOHSC because it may cause severe eye irritation and skin irritation. It may cause respiratory and digestive tract irritation and ingestion of mist may be very irritating

CAUTION

Avoid contact with skin and eyes and avoid breathing vapour or spray mist.

PACKAGING

20 Litre, 200 Litre & 1000 Litre containers

IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product, which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***