

# DESCALEX HD

## DESCRIPTION

**A-175** is an inhibited organic acid based product. **A-175** is specially formulated for cleaning fouled and sludged cooling system. **A-175** also removes scale or deposits in water pipes, heat exchangers, radiators or evaporators. The use of **A-175** will eliminate costly down time and expensive manual descaling operations.

## DIRECTIONS FOR USE

Greasy and oily parts should be pre-cleaned with A-317 ALKACLEAN before commencing cleaning operations with A-175.

Pre-dissolve **A-175** before adding to the system.

For general descaling of heat exchanger units, evaporators, radiator or cooling system, prepare 3 - 10% solution of **A-175** for general descaling of heat exchanger units, evaporators, radiator or cooling system. The actual amount to be used will depend upon the quantity of the deposit. The solution is then recirculated as required to remove scale formation. The solution can be heated up to 60°C if necessary. Higher temperature may reduce the effectiveness of inhibitor. In case of heavy deposits, a sample of scale should be immersed in the recommended solution strength to determine the approximate time required for removal.

Upon completion of cleaning operation, flush the system thoroughly with fresh water. An alkaline solution may be circulated to passivate the metal surfaces.

## CAUTION

For old systems which had not been treated or serviced frequently, especially where the condenser tubes are heavily pitted, care must be taken as the rust removing properties of **A-175** may expose holes in the areas penetrated by rust.

## PHYSICAL PROPERTIES

APPEARANCE : Red-Purplish Powder  
SPECIFIC GRAVITY : Approx. 2.1 in toluene 25°C  
SOLUBILITY IN WATER : 30%

## PACKAGING

**A-175** Descalex HD is available in 25kg pails.



## **SAFETY AND HANDLING INFORMATION**

Protective Measures	Wear acid resistant gloves, safety goggles and footwear. Use in adequately ventilated areas. Wash hands with water after use. Avoid breathing in vapour.
Spillage & Disposal	Sweep up spilled material and place in a clean, labelled suitable container. Avoid contact with skin, eyes or clothing. Avoid inhalation of dust. Wash area of spill with large amounts of water. Neutralise with alkaline if necessary.
<b><u>FIRST AID</u></b> Eyes	Rinse eyes with copious amount of water for at least 15 minutes. If irritation persists, seek medical advice.
Skin	Flush with large amount of water, use soap if available. Remove grossly contaminated clothing, including shoes and launder before reuse. Seek medical attention if necessary.
If Inhaled	If overcome or affected, immediately remove victim from exposure area, using proper respiratory protection. Administer artificial respiration if breathing has stopped. Keep at rest. Seek prompt medical attention.
If swallowed	Rinse mouth; then drink 1 or 2 large glasses of water. Do not induce vomiting. Seek prompt medical attention. Never give anything via mouth to an unconscious person.
<b><u>HANDLING</u></b> Storage & Transportation	Product should be stored and transported in original packing. Store away from alkaline material and foodstuff. Store in a cool and dry area, away from direct sunlight. Keep the container lid tightly sealed at all times when not in use, to prevent moisture and contamination.
Packaging	Packed in 25kg non-returnable container.

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