



## PRODUCT INFORMATION SHEET

### ACID DU

#### Concentrated Acid Cleaner for cement and rust removal

##### General characteristics :

ACID DU is a clear, pale yellow, fuming liquid with a characteristic odour. It is a blend of inorganic acids and is suited for the removal of water hardness scale, cement build up and cement stains from equipment. In use its dissolving action is fast and thorough. The acid formulation dissolves scale and cement very quickly with the selective inhibitors protecting metal surfaces.

##### Features :

ACID DU possesses “controlled action” to control acid attack on metal surfaces yet dissolves rust, cement, deposits, hard water build up, lime and scale.

ACID DU is easy to use. One step chemical action does the job. Brush on structures after dilution dip metal equipment, circulate in closed systems; the product is extremely versatile and multipurpose in nature.

ACID DU is economical. The concentrated formula can be diluted with water.

##### Caution :

Use only the strength that is needed. By making changes in the dilution ACID DU can be used for the wide variety of construction and industrial applications.

##### Specifications :

Appearance	: Pale yellow fuming liquid
Sp.gr. at 20 deg C	: 1.1 + 0.01
pH	: Highly acidic
Inhibitor	: Approximately 0.5%

##### Areas of applications :

The typical applications where ACID DU definitely cuts cleaning costs are :

Chemical cleaning of nearly all equipment (except nickel, aluminium, zinc, magnesium, tin or various alloys of soft metals) and corrosion accumulation.

Derusting of metal surfaces, tools and equipment.

Can washing machines.



Removal of insoluble scales, mortar, mortar slop and deposits from painted steel, cast iron and other construction finishes.

Removal of rust stains from concrete and bricks.

Descaling heat treated steel parts.

Removal of heat scale from forgings and castings

Removal of iron slime from filtration equipment.

#### Method of application and dilution :

ACID DU can be used in a dip, spray or brush application. When applied to a surface an effervescent action will occur. Generally allow time until the action stops and then flush off with plain water. Flushing with pressure using a hose will be helpful. For stubborn deposits use steel wool or abrasive cloth to accelerate action. Moderate heating also will help in accelerating the action. For safety reasons it is advisable to flush with a dilute solution of soda ash thus ensuring that any entrapped acid will be neutralized. ACID DU is a concentrate. It can be diluted upto 100 parts with water depending on the intensity of the scale or stain to be removed. A small test area should be first used to determine the proper amount of dilution. Generally 1:5 is ideal for removing mortar and heavy rust. Thoroughly wet the surface and rinse after completion of the job.

#### Caution :

ACID DU should not be used on nickel, aluminium, zinc, magnesium, tin or various alloys of soft metals. Use instructions on specific applications can be provided on request.

#### Safety precautions :

KEEP OUT OF REACH OF CHILDREN

ACID DU is corrosive to skin and tissue. Overalls, rubber gloves and chemical glasses should be worn. Hydrogen will be evolved in the action of ACID DU on metal. Please ensure adequate ventilation. Do not smoke or have naked lights nearby. ACID DU acts more quickly at higher temperatures. Stricter precautions are necessary at high temperature operations. Spillage should be hosed down with water and if necessary and neutralized with soda ash.

It is not advisable to directly inhale any fumes evolving from open containers of ACID DU Empty containers should be destroyed or disposed and should not be reused.

#### First aid :

If poisoning occurs due to ingestion do not induce vomiting. Give plenty of water or milk. Call a doctor or remove the patient to the hospital immediately.

If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

For eye contact flush with clean water thoroughly for 15 minutes and seek medical attention.



Packing :

ACID DU is available in 200 ltr. Drums, 4 x 5 ltr carton, 20 ltr can

Note : Use this information sheet only as a guide for the use of this product. The information provided is in accordance the latest technical developments. We do not accept responsibility for any work carried out with this product as we have no control over the method of application used or the conditions at which the work was done.

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