

What is Acid Wash?

ACID WASH is a concentrated rust, scale and lime remover, that is excellent for a wide range of descaling, de-rusting, and lime-removal applications.

Key Benefits

- ✓ Very concentrated and economical to use.
- ✓ Does not give off corrosive fumes.
- ✓ A powerful deruster and descaler.
- ✓ Excellent for removing excess grout from new ceramic tile floors.

How Does It Work?

ACID WASH is a concentrated acid based cleaner for dissolving rust, scale and lime build-ups. It also contains detergent to remove oil contamination from surfaces being treated. ACID WASH is non-corrosive to stainless steel.

Caution

ACID WASH and its solutions will etch and damage aluminium, zinc, diecast and other soft metal alloys as well as concrete, cement, terrazzo, limestone and marble. ACID WASH **must not** be allowed to come into contact with these materials. If contact occurs accidentally, wash it off with plenty of water.

Technical Data

Properties



COLOUR – Transparent colourless liquid
ODOUR – None
pH = 0.5 - 1.5

Dangerous Goods Classification

ACID WASH is a Class 8 corrosive liquid.

| | |
|---------------|-------------|
| U.N. No: 3264 | CLASS: 8 |
| PACK GRP: III | HAZCHEM: 2X |

Environmental Care



ACID WASH conforms with all statutory environmental requirements. It is based on safe ingredients selected to perform efficiently so there is no waste or damage. ACID WASH is non-flammable and biodegradable. ACID WASH containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd., significantly reducing plastic usage and waste. They can also be recycled.

Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with the requirements of AS/NZS ISO 9001 "Quality Management Systems – Requirements".
First Certified: 30 April 1996
SAI Certificate No.: QEC7358

Application

Descaling Dishwashing Machines:

1. Switch off the detergent dispenser pump/controller.
2. Fill the wash tank with water after closing the drain valve.
3. Add the ACID WASH to the water in the wash tank:
Single stage or small machines - Add 350ml.
Large machines - Add 1-2 litres
4. Start machine and recirculate the ACID WASH solution until visible scale build-up is removed.
5. If the solution does not contact all of the scale above the water line, scrub these surfaces with the wash-tank solution of ACID WASH. Wear gloves and safety glasses.
6. Open or remove the drain valve.
7. Close or replace drain valve and refill the machine with clean water and recirculate for 2 to 3 minutes then drain again.
8. Close or replace drain valve and refill with clean water. Switch on the detergent dispenser and recirculate the wash tank water for 5 minutes.
9. Open or remove the drain valve to drain the solution. The machine is now ready to resume dishwash

Rust and Lime Removal:

A. Immersion:

Make up a solution of 1 part ACID WASH plus up to 11 parts of water in a suitable, acid-resistant tank. Always add the ACID WASH to the water. Dip the parts in the tank until the rust has been dissolved. Remove the parts, allow them to drain, then rinse them with water.

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all of its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.



The Chemistry of Cleaning™

ACID WASH

Product Data Sheet

Product Code: AC

Issued: February 11, 2011

B. Manual Cleaning, Derusting, Lime and Scale Removal:

Make up a solution of 1 part by volume of ACID WASH plus up to 6 parts of water in a plastic container. Pour, brush or swab solution onto the rust, lime or scale and leave in contact as long as possible. Rinse down with cold water. Thick deposits may need extra applications.

C. Hot Water Urn Descaling

Add warm water to three-quarters fill the urn, then add 2L of ACID WASH. Leave in place for 30 minutes and make certain no-one can use the urn by mistake. Drain urn thoroughly and rinse out completely with clean water.

C.I.P. Acid Cleaner:

1. Rinse food processing equipment first with water.
2. Circulate a diluted alkaline detergent through the equipment.
3. Rinse with potable water.
4. Circulate a solution of 5mls ACID WASH per litre of hot water for 20 to 30 minutes. Drain.
5. Rinse food contact surfaces with potable water after cleaning.

Removal of Excess Grout or Mortar from Ceramic Tiles and Brick:

Pre-test the solution on the surface and make certain the surface is not going to be damaged by contact with acid. Make up a solution of 1 part by volume of ACID WASH plus up to 11 parts of water in a plastic container. Brush or swab the solution onto the surface and scrub until the excess mortar or grout is removed. PROMPTLY RINSE THOROUGHLY WITH WATER. Do not allow Acid Wash to remain in contact with ceramic tiles for an extended period of time or it may etch the surface of sensitive tiles.

Safety Directions

WARNING – This substance is corrosive. Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. Read the Material Safety Data Sheets before use.

First Aid

If splashed in eyes or on face, hold eyes open and flood with water for at least 15 minutes. Seek immediate medical attention. If splashed on skin, remove contaminated clothing and wash affected area for 15 minutes. If swallowed, do NOT induce vomiting. Give a glass of water if patient is conscious. Call a doctor or Poisons Information Centre (Ph: 131 126) immediately.

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