

AQUACID 1052P HEDP di-sodium salt (2.6)

SEQUESTERING / CHELATING AGENT

REACH REGISTRATION NUMBER 01-2119510382-52-0003

PRODUCT FEATURES

Aquacid 1052P is a powder organophosphonate with multifunctional properties like sequestration of hardness salts and heavy metals, deflocculation, threshold inhibition and hydrolytic stability as a single active ingredient. Because of the combination of these properties Aquacid 1052P has a wide range of applications as a scale inhibitor and corrosion inhibitor.

It is used widely in detergents, I&I cleaners as a co-builder to control adverse effects of hardness salts and iron on cleaning performance. Its high threshold effect properties are useful in various water treatment applications.

Aquacid 1052P has high particle size to minimize dusting during handling.

SPECIFICATIONS

Chemical Name	: Di-sodium salt of HEDP
CAS No.	: 29329-71-3
EC No.	: 249-559-4
Physical Form	: Solid Powder
Appearance	: White Free Flowing Powder
pH (5% Solution)	: 6.5-7.5
Active Content	: 72% as acid min
HEDP. Na 2 content	: 92 % as salt min
Iron content as Fe	: < 35 ppm
Bulk density g/lit @ 25°C	: 500-700

(These are typical values and not specifications)

MAJOR APPLICATIONS

Aquacid 1052P is used widely in following applications for scale control and metal ion chelation:

- Household laundry detergents, automatic dish wash products, I&I cleaners.
- Boiler water treatment formulations, pool stain prevention.
- Textile & leather auxiliaries.
- Metal pre-treatment formulations.

BENEFITS

- Reduced dosage due to higher hardness sequestering value.
- Reduced cost of formulations.
- Suitable for high temperature & pH conditions.
- Controls scaling at threshold levels.
- Prevents heavy metal induced problems in a variety of applications.
- Low dusting during handling.

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SAFETY AND HANDLING

Provide due attention and observe safety precautions while handling the product. Use hand gloves, face shield, & goggles while handling this material. Have eye wash facility immediately available at any location where eye contact can occur. Please refer MSDS for detailed information.

PACKING

30 kg open top Drum, 25 kg paper bag and 500/800 kg super sack