

# NEW PRODUCTS AND EQUIPMENT

## Seals to Protect Raceways And Wheel Bearings

Six series of industrial casters are now available with sealed raceways and sealed wheel bearings that keep lubricants in and foreign materials out, according to an announcement by the Rapids-Standard Co. The manufacturer claims the seals protect against moisture, steam, acids, grease, grit, chemicals, and other destructive conditions, ensuring longer caster life and reduced maintenance time and expense.

Load and thrust raceways of the swivel casters are protected by long-wearing, resilient neoprene seals that stand up under constant swiveling and heavy loads. These seals fit snugly without binding, and are formed to stay in place without squeezing out of shape or position. Seals are available on caster models with individual load capacities ranging from 175 up to 1500 pounds.

Felt seals to protect the wheel bearings are available on microsteel, forged steel, mold-on rubber, and MB industrial demountable wheels. From these types a model can be chosen to fit most load, floor and operating conditions in all types of plants. Felt seals used are long wearing and lubricant retaining.

The new sealed Rapistan casters and wheels are designed for use in industries

where equipment is exposed to moisture, steam, chemicals, dirt, dust, or other conditions that are harmful to raceways and bearings. Canning factories, tanneries, chemical plants, feed and flour mills, dairies, meat processors, and other industries with caster repair and maintenance problems will be able to cut costs appreciably with these new sealed models, according to Rapistan engineers.

PE1

## Three Organic Reagents Offered by Fisher

Fisher Scientific announces the availability of three reagent grade chemicals; isopropyl ether, methyl acetate, and glyceric acid.

High purity isopropyl ether is now offered as a Fisher Certified Reagent, with lot analysis on each label. Specifications include water less than 0.05% and alcohol under 0.1%.

The methyl acetate is a specially purified grade with nonvolatile matter held to a guaranteed minimum. The reagent grade chemical guarantees a maximum of 0.002% nonvolatile material.

Glyceric acid, which finds many uses in organic and biochemical synthesis is now available as a reagent chemical with a minimum assay of 95%. Previously the assay on this chemical was 30%.

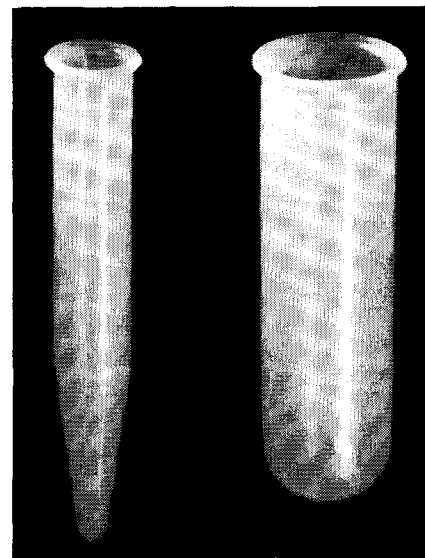
Fisher says this means that a high purity reagent is now available for fermentation and metabolism studies where glyceric acid and its esters are important. PE3

## Photofluorometer with Increased Sensitivity and Stability



Photofluorometer, the latest in Coleman Instrument's line of fluorimetric instruments. The manufacturer claims that this model offers increased sensitivity and improved stability which enable it to give accurate assays at lower concentrations than previous devices. PE4

## Polyethylene Centrifuge Tubes



Two styles of polyethylene centrifuge tubes—15-ml. conical bottom and the 50-ml. round bottom now being produced by the Nalge Co. Tubes were designed to fit standard makes of centrifuge heads. Manufacturer claims these tubes will withstand, without distortion, the greatest centrifugal forces which are currently employed. PE5

▶ See coupon, page 844, for further information ▶

Laboratory crucibles in which a variety of metals and salts can be melted without fear of contamination available from Palo Laboratory Supplies. Crucibles are fabricated of sintered alumina, made possible through the development of a high density aluminum oxide ceramic material that can be fabricated in thin sections. The thin walls of the crucibles offer a high degree of resistance to thermal shock, according to the manufacturer. The crucibles are claimed to be chemically inert at temperatures up to 1700° C.

PE2

