

New Products and Equipment . . .

Sodium Molybdate

Climax Molybdenum Co. is now supplying sodium molybdate and has stocks available to meet the anticipated needs of fertilizer manufacturers, agricultural chemicals distributors, and other industrial consumers, it is announced.

It is available as the crystalline technical grade. Base price is 76 cents per pound, delivered, in quantities of 3000 pounds or more, with extras for smaller quantities. The product assays 97.0% minimum sodium molybdate dihydrate ($\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$) and 38.4% minimum molybdenum.

Principal reason for the Climax decision to market sodium molybdate, a molybdenum chemical it has not previously supplied, is the growing agricultural demand for it, especially in the Pacific Northwest, it is stated.

For more details, write Dept. A&F, Climax Molybdenum Co., 500 5th Ave., New York 36, N. Y.

Safety Relief Valves for Anhydrous Ammonia Tanks

A pair of relief valve manifolds for larger anhydrous ammonia bulk storage tanks is announced by Bastian-Blessing Co. Each model has a cast steel body with three ports and three aluminum relief valves.

The manufacturer says any two of these valves provide adequate relief capacity for all standard 18,000 and 30,000-gal. anhydrous ammonia tanks. It also states that any one of the three valves can be replaced while the tank is under pressure, avoiding the need to evacuate the tank while removing valves for replacement or testing.

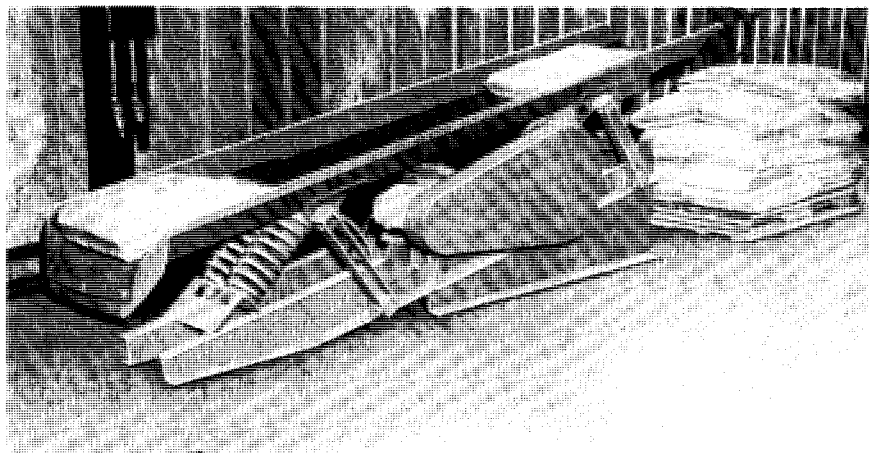
The only difference between the two manifolds is the bolt circle diameter— $6\frac{5}{8}$ in. for the A7564 and $7\frac{1}{8}$ in. for the A7565. Both have 4-in. ports.

Further information is available from Dept. A&F, Rego Division, Bastian-Blessing Co., 4201 Peterson Ave., Chicago 3, Ill.

BHT Premix

Eastman Chemical Products, Inc., has expanded its line of feed grade antioxidants to include a premix containing 25% butylated hydroxytoluene (BHT). Designated 25% Tenox BHT Premix, the formulation contains one part BHT and three parts of a nutritive cereal carrier.

Said to be free-flowing, nondusting,



Bag Flattener

A vibrating bag flattener has been put on the market by Carrier Conveyor Corp. It is designed to flatten bottom-heavy bags of loose, bulk material. It is particularly well-adapted to fragile materials such as pellets, flakes, briquets, and prilled or spray-dried materials since flattening is achieved with no product breakdown. The photograph shows a 0.5 hp. unit flattening multiwall paper bags filled with granulated fertilizer. The unit can handle 150 bags per hour. Notice the difference in bag shape between feed and discharge ends. Vibrating Carrier bag flatteners are available in standard models, either fixed or portable. Full details are available from Dept. A&F, Carrier Conveyor Corp., 198 N. Jackson Street, Louisville, Ky.

and noncaking, it has been designed for use by feed manufacturers who are not equipped to perform the more exacting measurements required when handling the pure antioxidant.

More information is available from Dept. A&F, Eastman Chemical Products, Inc., 260 Madison Ave., New York 16, N. Y.

Emulsifier

Poly-Tergent B-200, one of a new line of nonionic surface active agents introduced by Olin Mathieson, can be used alone or in combination with the more hydrophilic types to prepare insecticide emulsions. An alkyl phenol polyglycol ether, it is made from petroleum-base materials. It is available in 5- and 55-gal. drums and by the tank car.

Further information is available from Dept. A&F, Olin Mathieson Chemical Corp., 460 Park Ave., New York 22, N. Y.

Portable Bulk Plant

A 36-foot-tall portable bulk plant which can unload a full railroad hopper car of cement, barite, or other pulverized materials in less than two hours is announced by Delta Tank Mfg. Co., Inc. The unit will also provide "dead storage" for 2500 cubic

feet of dry granular products for indefinite periods and then load it aboard trucks at a rate of about 20 cu. ft./min.

The combined unloading-storage-loading plant can be moved from one site to another by fastening detachable wheels and an axle to one end and towing it behind a regular truck-tractor like a conventional trailer.

The bulk plant consists of a 31.5-ft.-tall, 10-ft.-square main chamber weighing about 20,000 pounds. The chamber is divided into two compartments, an upper "live storage" segment and a lower "dead storage" section.

More details can be obtained from Dept. A&F, Delta Tank Mfg. Co., Inc., Baton Rouge, La.

Methyl Parathion

American Cyanamid has announced expansion of its line of organic phosphate insecticides to include methyl parathion. It is to be stocked at strategic locations throughout the South.

Usable in either emulsifiable liquid, wettable powder, or dust formulations, methyl parathion has proved particularly effective in controlling the boll weevil.

Further data available from Dept. A&F, American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.