

# Enviro - Dri



## Deliquescent Desiccant



**Non-hazardous, non-toxic, non-polluting, pH neutral tablets**

### PRINCIPLES OF OPERATION

DELIQUESCENT DRYERS PROVIDE LOW-COST, LOW-MAINTENANCE DRYING OF COMPRESSED AIR, AND THE DELIQUESCENT DESICCANT IS THE HEART OF YOUR DRYING PROCESS.

ENVIRO-DRI PROVIDES A 20°F DEW POINT SUPPRESSION, AS AIR CARRYING THE MOISTURE CONTACTS THE TABLET, THE HYGROSCOPIC PROPERTIES ATTRACT THE MOISTURE AND THE WATER IS ABSORBED BY THE TABLET. IT DISSOLVES (DELIQUESCES), FORMING MINUTE DROPLETS OF SOLUTIONS, THE SOLUTION COLLECTS ON THE SURFACE OF THE TABLET WHERE IT DROPS INTO THE COLLECTING SECTION OF YOUR DRYER.

ENVIRO-DRI IS A UNIQUE, PROPRIETARY COMPOUND SCIENTIFICALLY DESIGNED TO LOWER THE DEW POINT IN YOUR COMPRESSED AIR SYSTEM, WHILE MAXIMIZING THE USEFUL LIFE OF THE TABLETS. A BLEND OF NON-TOXIC DELIQUESCENT DESICCANT IS FORMULATED TO PROVIDE CONSISTENT PERFORMANCE OVER THE LIFE OF THE TABLET. THIS PROPRIETARY TABLET DESIGN AVOIDS CAKING OR BRIDGING, WHICH CAN LEAD TO REDUCED PERFORMANCE, INCREASED PRESSURE DROP AND MESSY CLEAN-UP.

### LONG LIFE

ENVIRO-DRI HAS BEEN DESIGNED TO OPTIMIZE DRYING EFFICIENCY AND TABLET LIFE. TABLETS ARE COMPACTED UNDER HIGH PRESSURE RESULTING IN A UNIFORM TABLET THAT IS HARD AND DISSOLVES EVENLY, SLOWLY AND DRAMATICALLY REDUCES CAKING AND POWDERING. THE TABLET SHAPE MINIMIZES THAT AMOUNT OF CONTACT BETWEEN TABLETS, AND INCREASES THE SURFACE AREA AVAILABLE FOR DRYING YOUR AIR. THE TABLET MAINTAINS IT SHAPE BECAUSE MOISTURE IS ABSORBED AND THE SOLUTION FORMS ONLY ON THE EXPOSED SURFACE.

### NON-HAZARDOUS TABLETS

ENVIRO-DRI IS NON-HAZARDOUS, NON-FLAMMABLE, AND NON-TOXIC, IN OTHER WORDS, IT CONTAINS NO HAZARDOUS MATERIAL AND IS A NON-HAZARDOUS, NON-POLLUTING MATERIAL. THE DISCHARGED SOLUTION OF ENVIRO-DRI AND WATER WILL NOT SUPPORT MARINE LIFE OR VEGETATION, AND IS PH NEUTRAL.

### CONVENIENT SHIPPING

ENVIRO-DRI DELIQUESCENT IS PACKAGED WITH THE END USER IN MIND. OUR DELIQUESCENT COMES IN HEAVY DUTY 50-POUND BAGS FOR EASY HANDLING AND SAFETY. FOR LARGER JOBS YOU CAN ORDER 400-POUND FIBER DRUMS OR 2,000-POUND SUPER-SACKS.



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