



ISO 9001
REGISTERED
QSR-255



SUPELCO PARK
BELLEFONTE, PA 16823-0048

(814) 359-3441

SUPELCO, INC. 2-3-97



Drying Tube

Cat. Nos.

2-0618 (1/4" Ftg.)

2-0619 (1/8" Ftg.)

2-0298 (Refill)

To Install:

1. Remove the protective plug and nut from one end of the trap.
2. Remove the brass plug and discard. The nut can now be reused.
3. Remove the attached bag of ferrules. Insert tubing through nut and one ferrule set until tubing rests firmly against fitting shoulder. Tighten finger tight.
4. Tighten nut 3/4 turn for 1/8" tubing, or 1 1/4 turn for 1/4" tubing.
5. Repeat steps 1 through 4 on the remaining end.

Note:

This trap is helium purged. If you wish to use another gas follow instructions for purging outlined in refill instructions.

**Maximum operating
pressure: 150 psig**

**Maximum operating
temperature: 100°C**

To Refill:

1. Locate fitting with Teflon[®] tape.
2. Using a back-up wrench, remove the fitting
3. Discard exhausted material.
4. Clean any remaining Teflon[®] sealing material from both internal and external threads of the fitting.
5. Refill with fresh material.
6. Using Teflon[®] sealing tape, wind a minimum of 3 to 5 full turns of tape around the male end of the NPT fitting while applying light tension to the tape. Always wrap in a clockwise direction when applying the sealing tape. Ensure that the tape does not obstruct the stainless steel frit installed in the end of the fitting.
7. Install fitting.
8. **Purge trap.** Use a flow of 100ml/min for three hours. Inadequate purging will allow oxygen to enter your column and detector. If the tube is purged for only one hour, for example, the oxygen content within the tube will be approximately 200ppm.

For more information about purifying carrier gas, request Bulletin 848

Outline of the MSDS dated 7-1-96.

Section I

Product: Molecular Sieve 5A-Z8

Chemical Name: Synthetic Sodium Potassium or Calcium Aluminosilicate

Chemical Family: Molecular Sieve Zeolite

Section II(A) Ingredients

Ingredient	CAS NO.	Zeolite Type
Zeolite, CaA	68989-20-8	5A
Mg Aluminosilicate	1327-43-1	Clay
Quartz	14808-60-7	

Section II(B) Exposure Limits

Ingredient	%	OSHA-PEL
Zeolite, CaA	75-85	10mg/m ³
Mg Aluminosilicate	15-25	10mg/m ³
Quartz	0-2	10mg/m ³

Section III

Appearance & Odor: Light tan bead or powder

Melting Point: >1600°C

Bulk Density: 0.68 g/cc

Volatiles By Weight: <5%

Section IV

Ignition Temp. Nonflammable

Conditions to Avoid:

Water can cause rise in temperature which may result in burn.

Section V

Inhalation: May cause irritation of the nose and throat, accompanied by cough and chest discomfort.

Skin Contact: May cause irritation seen as local redness and/or burns.

Eye Contact: May cause irritation seen as excess redness of the conjunctiva and/or burns.

First Aid,

Inhalation: Remove to fresh air.

Skin: Wash contacted area with soap and water.

Eye: Immediately flush eyes with water for at least 15 minutes.

Section VI

Reactivity: Avoid sudden contact with high concentrations of chemicals having high heats of adsorption such as olefins, HCl, etc.

Section VIII

Protective Gloves: Use gloves to avoid PROLONGED skin contact.

Eye Protection: Safety glasses or goggles as per OSHA 29 CFR 1910.133

Ventilation: Sufficient to Maintain OSHA PEL.

Section IX

The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current and applicable to meet their circumstances.

Section X

This product contains substances which appear on the lists of the indicated act or agency.

OSHA- 29 CFR 1910 & 29 CFR 1910.1200, OMB NO. 1218-0072

California- Proposition 65

IARC- Monographs on the Evaluation of Carcinogenic Risk to Humans. Volumes 1-24

ACGIH- Threshold Limit Values for Chemical Substance in the Work Environment.

TSCA- 40 CFR 700