



**HYDROSIL**  
INTERNATIONAL LTD.

# HS-100-PO-AC

## AMMONIA GAS TREATMENT

### APPLICATIONS

Animal Clinics  
Semiconductor Industry  
Chemical Manufacturing  
Metal Smelting  
Odor Control

Hydrosil's HS-100-PO-AC is a hard granular material impregnated to effectively remove ammonia gas and a wide range of hydrocarbons.

The theoretical removal for ammonia with the media is 4.32 percent weight. The phosphoric acid reacts with the ammonia in an acid-base neutralization. The activated carbon in the blend targets other gases such as inorganic and

### TYPICAL PHYSICAL PROPERTIES

Apparent Density, lb./ft <sup>3</sup>	45
Standard Mesh Size	4 x 8
Specific Surface Area, m <sup>2</sup> /g	40
Active Ingredient, % wt. min	12.5

### DIFFERENTIAL PRESSURE

