

**Transportation Information**
**UN Number:** 2188


Shipping Name	Arsine	Arsine	Arsine
<b>Hazard Class</b>	2.3	2.3 (2.1)	2.3
<b>Label</b>	Toxic Gas, Flammable Gas	Toxic Gas, Flammable Gas	Toxic Gas, Flammable Gas

**Formula**
AsH<sub>3</sub>
**MSDS Reference**

P-4565

**CAS Number**

7784 - 42 - 1

**General Description**

Colorless, highly toxic, flammable gas with a garlic-like odor.

**Product and Package Information**

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
AS 6.0SP	6.0	99.9999 %	NPK	45 lb/20.4 kg	700 Series: Semiconductor
	Semiconductor Process Gas	Ar + O <sub>2</sub> < 0.2 ppm <sup>(1)</sup> H <sub>2</sub> O < 0.1 ppm N <sub>2</sub> < 1 ppm CO <sub>2</sub> < 0.05 ppm CO < 0.05 ppm CH <sub>4</sub> < 0.05 ppm Germane < 0.05 ppm PH <sub>3</sub> < 1 ppm SiH <sub>4</sub> < 0.1 ppm C <sub>2</sub> -C <sub>5</sub> Hydrocarbons < 0.05 ppm <sup>(2)</sup>	NPK	30 lb/13.6 kg	
AS 5.7SP	5.7	99.9997 %	UK	45 lb/20.4kg	700 Series: Semiconductor 400 Series: Corrosive
	Semiconductor Process Gas	Ar + O <sub>2</sub> < 0.5 ppm <sup>(1)</sup> H <sub>2</sub> O < 1 ppm N <sub>2</sub> < 1 ppm CO <sub>2</sub> < 0.05 ppm CO < 0.05 ppm CH <sub>4</sub> < 0.05 ppm PH <sub>3</sub> < 1 ppm C <sub>2</sub> -C <sub>5</sub> Hydrocarbons < 0.05 ppm <sup>(2)</sup>			

<sup>(1)</sup> Ar + O<sub>2</sub> calculated as 28.1% of the N<sub>2</sub> concentration.

<sup>(2)</sup> Defined as ethane (C<sub>2</sub>H<sub>6</sub>), propane (C<sub>3</sub>H<sub>8</sub>), butane (C<sub>4</sub>H<sub>10</sub>), and pentane(C<sub>5</sub>H<sub>12</sub>).

Contact your local Praxair representative for additional packages and content.

When ordering, please add the desired cylinder style to the end of the above part number.

 Add "D" for DISS connection (AS 6.0SP-**NPKD**)

**Cylinder Information**

Cylinder Style	Connection CGA/DISS	Pressure psig/bar	Gross Weight lb/kg
NPK45	350/ <b>632</b>	205/14.13	178/81
NPK30	350/ <b>632</b>	205/14.13	163/74
UK	350/ <b>632</b>	205/14.13	178/81

See Section E for additional information on Praxair's Semiconductor product line (E34-E36)

Use Praxair Express to place orders for your specialty gases and equipment.

See page A3 for details.