

## **CHEMTANE 2**

### **REVOLUTION IN CUTTING AND WELDING**

**Chemthane 2 is a new generation additive for LPG formulated to enhance gas performance and substitute acetylene in oxy-cutting a welding.**

#### **High performance**

- Higher flame temperature in oxygen than acetylene
- Longer and more powerful secondary flame

#### **Safe**

- Limited torch backfire
- Burns clean: no soot or smoke
- Narrow explosive limits
- Stable, non sensitive to shocks

#### **Profitable**

- 1 kg Chemthane 2 equals 1,6 kg of acetylene
- Reduced fuel costs up to 32%
- Reduced oxygen costs up to 43%
- Reduced torch rebuilt

#### **Environment friendly**

- No toxic residues left
- It does not contain acetone
- It contributes to energy saving through reduced fuel and oxygen consumption

#### **Supply**

- Chemthane 2 is supplied in 10 kg and 33 kg cylinders

<b>AS A GAS</b>	<b>CHEMTANE 2</b>	<b>PROPANE</b>	<b>ACETYLENE</b>
Maximum flame temperature °C	<b>3.300</b>	2.500	3.100
Effective heat content (BTUs/Kg) at 15,6°C and 1atm	<b>54.517</b>	47.698	46.991
M3 per kg of gas (or liquid)	<b>0,55</b>	0,54	
Specific weight	<b>2,07</b>	2,01	1,17
Weight compared to air	<b>1,6</b>	1,52	0,9
Limits of flammability in air (%)	<b>2,25-9,4</b>	2,4-9,6	2,5-80
Toxicity	<b>low</b>	low	<b>low</b>
Reactivity to metals	<b>low</b>	low	copper & silver alloys
Backfire tendency	<b>low</b>	low	<b>high</b>
Pressure	<b>cylinder</b>	cylinder	

### Who is using Chemtane 2

Field construction companies

Ship yards

Fabrication shops

Military installations

Flame cutting shops

Jewelry manufacturers

Scrap yards

Glass industry

Machine shops

Thermal spray

### Exclusive Agency:

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