MILITARY MEDIA INC.

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FLAMABILITY OF GASES:

Type: Gas Explosive Ingredients: Explosive Gas

Description: Under some conditions, common gases act as fuel. When mixed

with air, they will burn rapidly or even explode. For some fuel-air mixtures, the range over which the explosion can occur is quite wide while for others the limits are narrow. The upper and lower amounts of common fuels that will cause an ignitable mixture are shown in the table below. The quantity shown is the percentage by volume of air. If the fuel-air mixture is too lean or too rich, it will not ignite. The amounts shown are therefore called limits of

inflammability.

Fuel (Gas)	Gases (% by v Lower Limit	olume of air) Upper Limit
Water Gas Or Blue Gas	7.0	72
Natural Gas	4.7	15
Hydrogen	4.0	75
Acetylene	2.5	81
Propane	2.2	10
Butane	1.9	9