

GDS Corp LEL Levels & Relative Response Factors

Gas / Vapor	LEL (CENELEC Standards)	Relative Response (with respect to Methane)	Gain Adjustment / Multiplier
Acetic Acid	5.4%	0.20	5.00
Acetone	2.6%	0.35	2.86
Ammonia	15%	0.65	1.54
Benzene	1.3%	0.35	2.86
Butyl Acetate	1.4%	0.30	3.33
Cyclo-hexane	1.3%	0.45	2.22
Cyclo-pentane	1.4%	0.50	2.00
Decane	0.75%	0.20	5.00
Dioxane	2.0%	0.50	2.00
Ethane	3.0%	0.85	1.18
Ethanol	3.3%	0.45	2.22
Ethyl Acetate	2.2%	0.35	2.86
Ethylene	2.7%	0.65	1.54
Hydrogen	4.0%	0.95	1.05
Iso-Butane	1.8%	0.55	1.82
Iso-Butyl Alcohol	1.7%	0.30	3.33
Iso-Butyl Methyl Ketone	1.2%	0.25	4.00
Iso-Octane	0.95%	0.35	2.86
Iso-Pentane	1.4%	0.45	2.22
Iso-Propyl Alcohol	2.2%	0.35	2.86
Methane	5.0%	1.00	1.00
Methanol	6.7%	0.70	1.43
Methyl Ethyl Ketone (MEK)	1.9%	0.35	2.86
n-Butane	1.8%	0.55	1.82
n-Heptane	1.05%	0.40	2.50
n-Hexane	1.02%	0.45	2.22
Nonane	0.85%	0.25	4.00
n-Pentane	1.4%	0.50	2.00
n-Propanol	2.2%	0.40	2.50
n-Propyl Alcohol	2.2%	0.40	2.50
Propane	2.1%	0.60	1.67
Propylene	2.4%	0.70	1.43
Styrene Monomer	1.1%	0.30	3.33
Toluene	1.2%	0.40	2.50