

Chemgard® Application Table



Compound	10 PPM	100 PPM	1000 PPM	1%	10%	100%	100% LEL	Current Min. Detection (PPM)	TLV (PPM)
ACETALDEHYDE			■					4	25
ACETIC ACID		■*	■					1	10
ACETONE	■*	■	■	■			■	3	500
ACETONITRILE				■				40	40
ACETYLENE							■		
ACRYLONITRILE		■*	■					3	2
AMMONIA			■	■				4	25
ACROLEIN			■					3	0.1
BENZENE			■	■				10	0.5
BUTANE			■	■			■	3	800
1,3 BUTADIENE			■					3	2
1-BUTYL ACETATE			■	■	■			4	150
CARBON DIOXIDE ‡	■*	■	■	■	■			0.04	5000
CARBON MONOXIDE			■	■	■	■		4	25
CARBON TETRACHLORIDE			■					3	5
CARBONYL SULFIDE			■					3	5
CHLOROFORM		■*	■	■				1	10
CHLOROTRIFLUOROETHYLENE			■					3	5
CYCLOPENTANE			■					3	600
1,2 DICHLOROETHANE			■					4	10
DIETHYL ETHER			■					3	400
DIFLUOROMETHANE			■					3	
DIMETHYLACETAMIDE		■*	■					2	10
DIMETHYLAMINE			■					4	5
DIMETHYL ETHER				■				4	
DIMETHYL ETHYL AMINE			■					4	
DOWTHERM J			■					5	10
ETHANE			■				■	3	
ETHANOL			■	■			■	3	1000
ETHANOLAMINE				■				20	3
ETHYL ACETATE			■					3	400
ETHYL BENZENE			■*					5	100
ETHYL CHLOROFORMATE			■					4	
ETHYLENE		■*	■		■		■	2	
ETHYLENE OXIDE			■	■	■			4	1
FORMIC ACID		■*						1	5
HALON 1211			■					3	
HALON 1301			■					3	
HALOTHANE			■					3	50
HEPTANE		■*	■	■			■	1	400
HEXAFLUOROPROPYLENE			■					4	
HEXAFLUORO 1,3, BUTADIENE		■*	■					0.4	
HEXANE		■*	■	■	■		■	1	60
HEXENE			■	■	■			50	30
HFC 245FA			■					3	
HFE 347E			■					3	
HFE 7100			■					3	600
ISCEON 89			■					3	
ISOBUTANE			■	■			■	3	
ISOBUTYLENE			■					3	250
ISOHEXANE			■					4	500
ISOPAR G			■					3	
ISOPENTANE			■	■	■		■	4	600
ISOPROPANOL			■	■			■	4	400
JP-8 (AS HEXANE)			■	■				4	
METHANOL			■	■			■	4	200

■ Acceptable application
* Not CE approved application

**Other applications and ranges are possible
‡ 20 - 50% Range available

WE KNOW WHAT'S AT STAKE.

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MEK		■*	■				■	1	200
METHYL CHLORIDE				■	■			20	50
METHYL FORMATE			■				■	4	100
METHANE			■*	■	■	■	■	5	
METHYL AMYL KETONE			■					4	50
METHYL BROMIDE			■					4	1
METHYL FLUORIDE		■*	■					3	
METHYL IODIDE			■					4	2
MIBK			■					4	50
METHYL METHACRYLATE			■					3	100
METHYL MORPHOLINE		■*						1	
METHYLENE CHLORIDE		■	■	■				3	50
METHYLENE FLUORIDE			■					4	
METHYL N-PROPYL KETONE			■					4	200
MOGAS (AS HEXANE)			■					4	
MONOMETHYLAMINE			■					4	5
NITROGEN TRIFLUORIDE		■*	■					0.4	10
NITROUS OXIDE		■*	■					1	50
OCTAFLUOROBUTANE			■					3	
OCTAFLUOROPROPENE		■*	■					0.4	
PENTANE			■	■			■	3	600
PERCHLOROETHYLENE		■*	■					1	25
PERFLUOROHEXANE			■					1	
PF 5050			■					3	
PHOSGENE	■*	■*						0.6	
PMVE			■	■				3	
PROPANAL			■					4	
2-PROPANOL			■	■			■	4	400
N-PROPANOL			■					3	200
PROPANE			■	■			■	3	2500
PROP.GLYC.DIMETH.ACETATE			■					4	
PROPYLENE OXIDE			■					4	20
R1234YF			■	■			■	3	
SOLKANE 365/227			■	■			■	3	
STYRENE			■*	■				6	20
SULFUR HEXAFLUORIDE		■*	■	■				0.06	1000
SULFURYL FLUORIDE		■*						3	5
TETRAHYDROFURAN			■					3	200
TETRAFLUOROETHYLENE			■					4	
TOLUENE			■	■				6	60
1,1,1 TRICHLOROETHANE			■	■				4	350
1,1,2 TRICHLOROETHANE			■					4	10
TRICHLOROETHYLENE		■*	■	■				0.4	60
TRIETHYLAMINE			■					4	1
TRIFLUORO PROPENE			■				■	4	50
VINYL ACETATE			■					4	10
VINYL CHLORIDE		■*	■					1	1
VINYL FLUORIDE			■	■	■			3	1
O-XYLENE			■					4	100
M-XYLENE			■					4	100
P-XYLENE			■					4	100
XYLENES			■					3	100

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