



Mine Safety Appliances Company • Instrument Division • P.O. Box 427 • Pittsburgh, PA 15230-0427

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To whom it may concern:

MSA P/N 10007651 Cyanogen detector tube, is considered an article as defined in 29 CFR 1910.1200 (c). Articles are exempt from the Hazard Communication Standard and therefore no MSDS is required for this product. In order to aid in your understanding the contents of this detector tube, the following table lists potential hazardous components within this tube at the time of manufacture.

COMPONENTS	CAS #	PERCENT
Acetylcholinesterase	9000-81-1	<0.05
Acetylthiocholine iodide	1866-15-5	<0.1
5-5'Dithiobis(2-nitrobenzoic acid)	69-78-3	<0.1
Cellulose	N/A	<2
Buffer phosphate, 8.0 pH	N/A	< 4
Glass	N/A	< 89
Poly ethylene stopper	N/A	-- 4

Please note that environments in which this detector tube was exposed to during use or otherwise may have impacted its contents and that it is your responsibility to dispose of spent tubes in accordance with local, state, and federal laws and regulations. Please provide this information to your regulatory affairs and/or safety officer.

Should you have additional questions contact MSA at the above telephone number.