



Mine Safety Appliances Company, 1000 Cranberry Woods Drive, Cranberry Twp, PA 16066

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To whom it may concern:

MSA P/N **A-ULTX-SENS-47-X-X** is sensor used for detecting fluorine concentrations using an **Ultima® X Series** gas monitor and is considered to be an article as defined in 29 CFR 1910.1200 (c). Articles are exempt from the Hazard Communication Standard; therefore no MSDS is required for this product. In order to aid in your understanding of the sensor contents, the following table lists chemical components within the sensor at the time of manufacture.

POTENTIAL HAZARDOUS COMPONENTS	QUANTITY
Propylene carbonate	< 2 gms
Lithium perchlorate	< 0.1 gms

Please note that environments in which this sensor was exposed during use or otherwise may have impacted its contents and that it is the users, responsibility to dispose of the sensor 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 please contact MSA at the above phone number.

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