CHEMICAL SURVEY

Information: This survey is requested to determine the quality of specific chemical groups used, produced, or stored in you facility. Fire Chiefs are required to collect chemical data under the Michigan Occupational Safety and Health Act (MIOSHA), P.A. 154 of 1974, as amended, and the Fire Prevention Code, PA 207 of 1974, as amended.

Instructions: Indicate below whether your site uses or produces any of the chemical types listed. Check the categories that apply when a chemical has more than one characteristic. (Example: both Class 3 flammable and a Class 6 poison), see definitions. Each chemical group listed in this survey, you may need to reference Material Safety Data Sheets, SARA Title III reporting forms, along with the attached definitions.

(Note: you must complete each line. Do not leave any blanks. If you do not use a chemical group listed, mark the DO NOT HAVE LINE.)

When substantial changes occur in the quantity or type of use, manufacturer, or related storage, a revised survey must be submitted to the Fire Chief. In addition, a revised survey will be required periodically as the Fire Chief determines necessary, but at least once every five years.

This survey may be followed up with a request for more detailed information. This may include a request for Material Safety Data Sheets, chemical lists maintained under the Employee Right to Know previsions of MIOSHA and other information.

PLEASE RETURN THIS QUESTIONNAIRE AS INDICATED IN THE ATTACHED COVER LETTER.

This site is:

_____Chemical User- (Chemicals consumed in activities on site)
_____Chemical Producer – (Chemicals manufactured at this site, includes packaging)
_____Other – Mark this box if chemicals are stored on site, but not used or produced.
Please specify (Examples: service station, retail store, storage facility)

Name of Premises: _____ Date Completed: _____

Site Address: _____ Site Telephone: _____

_____

_____

EMERGENCY CONTACTS: (include private alarm/security companies)

Name/Title	Business Telephone	Home Telephone

Respond base on the maximum quantity you would have on-site, including storage, at any one time during the year.

CHECK ONE LINE FOR EACH CATEGORY

CHEMICAL TYPE	SPECIFIED QUANTITY	HAVE AT OR ABOVE SPECIFIED QUANTITY	HAVE BUT BELOW SPECIFIED QUANTITY	DO NOT HAVE
CLASS 1				
Explosives & Blasting Agents (Not including Class C Explosives)	Any Quantity	_____	_____	_____
CLASS 2				
Poison Gas	Any Quantity	_____	_____	_____
Flammable Gas	100 gal. Water cap.	_____	_____	_____
Non-Flammable Gas	100 gal. Water cap.	_____	_____	_____
CLASS 3				
Flammable Liquid	1,000 gallons	_____	_____	_____
Combustible Liquid	10, 000 gallons	_____	_____	_____
CLASS 4				
Flammable Solid (Dangerous when wet)	100 lbs.	_____	_____	_____
Flammable Solid	500 lbs.	_____	_____	_____
Spontaneously Combustible Material	100 lbs.	_____	_____	_____
CLASS 5				
Oxidizer	500	_____	_____	_____
Organic Peroxide	250 lbs.	_____	_____	_____
CLASS 6				
Poison	500 lbs.	_____	_____	_____
Irritated Material				
Liquid	1,000 lbs.	_____	_____	_____
Solid	500 lbs.	_____	_____	_____
CLASS 7				
Radioactive Material (Yellow III Label)	Any quantity	_____	_____	_____
Class 8				
Corrosives:				
Liquid	1,000 gal.	_____	_____	_____
Solid	500 lbs.	_____	_____	_____
No Dot Category				
Known Human Carcinogen	Any quantity	_____	_____	_____

HAZARDOUS CHEMICAL DEFINITIONS

CHEMICAL TYPE	DEFINITIONS
Poison gas	Extremely dangerous poisons, highly toxic poisonous gases or liquids a very small amount of the gas or vapor of the liquid, mixed with air is dangerous to life.
Poison	Less dangerous poisons, toxic – Substances, liquid, or solids (included pastes and semi-solids) so toxic to man that they are a hazard to health during transportation.
Flammable gas	A gas that can burn with the evolution of heat and a flame. Flammable compressed gas is any compressed gas of which: (1) a mixture of thirteen percent or less (by volume) with air is flammable, or (2) the flammable range with air is under twelve percent.
Non-flammable gas	Any compressed gas other than a flammable compressed gas.
Flammable liquid	Any liquids having a flashpoint below 100 degrees (37.8 degrees C), or higher, the total of which makes up 99 percent or more of the total volume of the mixture.
Combustible liquid	Any liquids having a flashpoint at or above 100 degrees F (37.8 degrees C), but below 200 degrees F (93.3 degrees C), except any mixture having components with flashpoints of 200 degrees F (93.3 degrees C), or higher, the total volume of which make up 99 percent or more of the volume of the mixture.
Corrosives (liquid and solid)	Any liquid or solid substance which, upon contact with fire or air, gives off dangerous of intensely irritating fumes.
Irritating material	A liquid or solid substance, upon contact with fire or air, gives off dangerous or intensely irritating, fumes.
Explosives or blasting agent (not including class C)	**Explosive:** means a chemical that causes a sudden almost instantaneous release of pressure, gas, and heat when subjected to sudden shock, pressure, or high temperature. **Blasting Agent:** A material designed for blasting. It must be so insensitive that there is very little probability of: (1) accidental explosion or (2) going from burring to detonation.
Radioactive material off ionizing radiation.	Any material, or combustion of materials, that spontaneously gives (yellow 111 labels)
Flammable solid (Dangerous waste material)	Any solid substance (including sludge and pastes) which react with water by igniting or giving off dangerous quantities of flammable or toxic gases. (Sec. 171.8)
Flammable Solid	A solid, other than a blasting agent, or explosive, that is liable to cause fire though friction, absorption of moisture, spontaneous chemical change, or retained heat from manufacturing or processing, or which can be ignited readily or when ignited burns so vigorously and persistently as to create a serious hazard.

Spontaneously combustible	Spontaneously Combustible (solid) – A solid substance (including material sludge and pastes) that may undergo spontaneous heating or self-burning under normal transportation conditions. These materials may increase in temperature and ignite when exposed to air.
Oxidizer	A chemical that initiates or promotes combustion in other materials, thereby causing fire either of itself or though the release of oxygen or other gases. Example being: Chlorate, permanganate, inorganic peroxide, or a nitrate, that yields oxygen readily.
Organic peroxide	An organic compound that contains the bivalent-0-0 structure and which may be considered to be a structural derivative of hydrogen peroxide where one or both of the hydrogen atoms has been replaced by an organic radical.
Carcinogen	A chemical is considered to be a carcinogen if: (a) It has been evaluated by the International Agency for Research on Cancer (IARC), and found to be a carcinogen or potential carcinogen or: (b) It is listed as a carcinogen or potential carcinogen in the annual Report on Carcinogens published by the National Toxicology program (NTP)(latest edition); or (c) It is regulated by MIOSHA as a carcinogen.

FIRE CHIEF
David E. Glotzbach

STATION 1
1117 S. Walker
Muskegon, Michigan 49442
Office: (231) 773-4316

DEPUTY FIRE CHIEF
Thea M. Dornbush

STATION 2
1699 N. Getty
Muskegon, Michigan 49445
Office: (231) 744-4365

March 11, 2019

Dear Facility Owner/Operator:

Section 14i of the Michigan Occupational Safety and Health Act, Act No. 154 of the Public Acts of 1974, as amended, requires that each fire chief prepare and disseminate to each firefighter information on facilities within their jurisdiction that use or produce hazardous chemicals.

The Michigan Fire Prevention Code, Act No. 207, P.A. of 1941, as amended, requires that any firm handling hazardous chemicals provide information to the fire chief upon request. This allows the fire department to gather information on each chemical so that the requirements of Act No. 154 can be met.

To assist our department in fulfilling its responsibilities under Act No. 154, we are requesting that you complete the enclosed survey. If your firm does not use or produce any hazardous chemicals (see attached definitions), you still need to complete the form. This information can be beneficial to you and firefighting personnel when responding to a fire or other emergency at you facility.

If the information you provide indicates that your firm is a user or producer of hazardous chemicals and the chemicals on site meet or exceed the specified quantities, we will be contacting you for further information. This may include Safety Data Sheets (SDS); a listing of the hazardous chemicals by name, along with the greatest amount that may be located on site at one time; and the actual locations of the chemicals at your facility.

Please complete the survey and forward to Muskegon Charter Township Hall, 1990 E. Apple Ave. Muskegon, Michigan 49442 within ten days. This should be included with your business registration that was sent as part of this packet. All surveys, including negative responses (those with no chemicals), will be kept on file for future use and to satisfy Act No. 154 requirements. If there is a change concerning the use, production, or quantity of hazardous chemicals at your firm in the future, please contacts this department so that we may update our files.

If you have any questions, please contact Fire Inspector Mark Nicolai at (231) 773-4316. Thank you for your cooperation.

Sincerely,

David E. Glotzbach

David E. Glotzbach
Fire Chief