CITY OF SAN ANTONIO
CITY ATTORNEY'S OFFICE
INTERDEPARTMENTAL CORRESPONDENCE SHEET

TO: All Department Heads

FROM: Frank J. Garza, Acting City Attorney

COPIES TO: Executive Team; Dr. Jorge A. Flores, Sr. Public Health Physician; David Hagen, Personnel Administrator; Bruce Birdwell, Risk Manager; file

SUBJECT: Administrative Directive 4.30, Hazardous Chemical Program

DATE: November 3, 1997

Attached for your review and immediate implementation is revised Administrative Directive 4.30, Hazardous Chemical Program. A major revision to this directive is necessary to assist City departments in complying with Chapter 502, Texas Hazard Communication Act and Chapter 506, Public Employer Community Right-To-Know Act of the Texas Health and Safety Code. The following are significant modifications to the existing Hazardous Chemical Program:

- Defines specific employee education and training requirements.
- Adds requirement for employees that use hazardous chemicals to receive physical exams and to be properly trained in the use of Personal Protective Equipment.
- Changes the requirement for departments to submit annual chemical lists to the Risk Management Division Safety Office from October 31 to December 31.
- Adds requirement for departments to maintain chemical lists on site for thirty (30) years and chemical training records for five (5) years.
- Adds requirement for the Risk Management Division Safety Office to offer quarterly Hazardous Chemical Train-The-Trainer classes to departmental supervisors and to consolidate and submit required Texas Tier Two reports to the Texas Department of Health for all City departments.

We ask for your full cooperation in implementing this program in order to enhance the working environment of employees as well as achieving compliance with Texas state laws. Please make sure that all of your employees who <u>use</u> chemicals in their workplace receive a copy of this administrative directive. Also, ensure that <u>all</u> City employees have access to the information contained in this directive.

Please contact the Risk Management Division Safety Office at 207-8900 should you have questions.

Frank J. Garza
Acting City Attorney

APPROVED:

Alexander E. Briseño
City Manager

ADMINISTRATIVE DIRECTIVE 4.30

EFFECTIVE DATE: January 4, 1988

REVISION DATES: October 1, 1997

SUBJECT: Hazardous Chemical Program

I. PURPOSE:

A. To establish a written program that promotes the safe use of chemicals and ensures that the City of San Antonio (hereinafter referred to as "CITY") is in compliance with the requirements established by Chapter 502, Texas Hazard Communication Act (hereinafter referred to as "THCA"), Chapter 506, "Public Employer Community Right-To-Know Act," of the Texas Health and Safety Code, and Occupational Safety and Health Administration (hereinafter referred to as "OSHA") standard outlined in 29 CFR 1910.1200.

B. To ensure that the CITY provides information on the use and storage of Hazardous Chemicals to employees facing potential exposure.

C. To establish responsibility and accountability necessary to ensure continuous compliance with the aforementioned Acts.

II. DEFINITIONS: See Attachment 1.

III. PROVISIONS:

The Texas Hazard Communication Act (hereinafter referred to as "THCA") evolved from the need to protect the health and safety of persons exposed to Hazardous Chemicals or Hazardous Materials in their workplace. The Act applies to state, county, municipal and other political entities. The following are provisions of the Act:

Employers are required to provide employees with Hazardous Material and Chemical information. Providing information to an employee does not affect:

1. The liability of an employer with regard to the health and safety of an employee or other person exposed to hazardous chemicals;
2. The employer's responsibility to take any action to prevent occupational disease as required under other law, or
3. Any other duty or responsibility of a manufacturer, producer, or formulator to warn ultimate users of a hazardous chemical under other law.

A. An employer may not discharge, cause to be discharged or otherwise discipline or discriminate against an employee who has filed a complaint or for assisting a Texas State Health Inspector in making an inspection under the THCA, or any proceeding under or related to the Act.

B. Pay, position, seniority or other employment related benefits may not be lost or affected as the result of the exercise of any right provided to an employee under the THCA.

C. Any waiver by an employee of the benefits or requirements of the THCA is void. Employers requesting or requiring that an employee waive any rights under the Act as a condition of employment are in violation of the Act.

D. The CITY is subject to "No Notice" inspections by the Texas Department of Health and subject to administrative penalties, civil penalties, and criminal fines for violations of the THCA.

E. The THCA requires each employer to:

1. Identify and designate Hazardous Materials and Chemicals used or stored in the workplace.

2. Develop and post a complete chemical list for each workplace and establish an up-to-date file of all Hazardous Materials and Chemicals used or stored in the workplace. The chemical list must be kept on file for 30 years from the time of receiving the product. All Hazardous Chemicals in excess of 55 gallons or 500 pounds, and any amount of any chemical classified as an Extremely Hazardous Substance (hereinafter referred to as "EHS"), in excess of Texas Department of Health rules must be placed on a chemical list kept in the workplace where the chemicals are used or stored.

F. Employee Education Program:

1. The CITY shall provide an effective education and training program for employees who use or may be exposed to hazardous chemicals.

2. An education and training program must include, as appropriate:

a) information on interpreting labels and Material Safety Data Sheets (hereinafter referred to as "MSDS") and the relationship between those two methods of hazard communication;

b) the location by work area, acute and chronic effects, and safe handling of hazardous chemicals known to be present in the employee's work area and to which the employees may be exposed. Training should include procedures to take to prevent the mixing of incompatible chemicals;

c) methods used to detect the presence or release of a hazardous chemical in the work area;

d) the proper use of protective equipment and first aid treatment to be used with respect to the hazardous chemicals to which the employees may be exposed; and

e) general safety instructions on the handling, cleanup procedures, and disposal of hazardous chemicals.

3. Training may be conducted according to categories or characteristics of chemicals, *e.g.*, corrosive, flammable, carcinogenic, highly toxic or irritant. Employees should be advised that information is available on the specific hazards of individual chemicals through the MSDS. Protective equipment requirements and first aid treatment procedures may also be trained by category of hazardous chemicals.

4. The CITY shall provide additional instructions to an employee when the potential for exposure to hazardous chemicals in the employee's work area increases significantly or when the department receives new and significant information concerning the hazards of a chemical in the employee's work area. The addition of new chemicals alone does not necessarily require additional training.

5. The CITY shall provide training to a new or newly assigned employee before the employee works with a chemical or in a work area containing a hazardous chemical.

6. The CITY shall keep the written hazard communication program and a record of each training session given to employees, including the date, a roster of the employees who attended, the subjects covered in the training session, and the names of the instructors. Those records shall be maintained in the work area for at least five years. The Texas Department of Health shall have access to those records and may interview employees during inspection.

7. Emergency service organizations shall provide their members or employees who may encounter hazardous chemicals during an emergency, information and training on recognizing, evaluating, and controlling exposure to the chemicals. City departments whose employees are likely to become "first responders", in the event of a spill or release, shall likewise be provided the same information and training.

G. Material Safety Data Sheet (MSDS):

1. A chemical manufacturer or distributor is required to provide MSDS's to Texas employers who acquire hazardous chemicals. The MSDS should be included with each initial shipment and with the first shipment after an MSDS is updated. The MSDS must conform to the most current requirements of the OSHA standard.

2. CITY departments shall maintain, in the work area, a legible copy of a current MSDS for each hazardous chemical purchased or received. If the CITY department does not have a current MSDS for a hazardous chemical when the chemical is received at the workplace, the CITY department shall request an MSDS in writing from the manufacturer or distributor in a timely manner or shall otherwise obtain a current MSDS. The manufacturer or distributor is required to respond with an appropriate MSDS in a timely manner.

3. The MSDS shall be readily available, on request, for review by employees or designated representatives at each workplace.

H. Hazardous Chemical Labels:

1. A label on an existing container of a hazardous chemical may not be removed or defaced unless it is illegible, inaccurate, or does not conform to the OSHA standard or other applicable labeling requirement. Primary containers must be relabeled with at least the identity appearing on the MSDS, the pertinent physical and health hazards, including the organs that would be affected, and the manufacturer's name and address. Secondary containers must be relabeled with at least the identity appearing on the MSDS and appropriate hazard warnings.

2. An employee may not be required to work with a hazardous chemical from an unlabeled container except for a portable container intended for the immediate use of the employee who performs the transfer.

I. Emergency Planning Information:

1. The Fire Chief or the fire chief's representative, on request, may conduct on-site inspections of the chemicals on the Tier Two Form for the sole purpose of planning fire department activities in case of an emergency.

2. The CITY, on request, shall give the Fire Chief or the Bexar County Local Emergency Planning Committee such additional information on types and amounts of hazardous chemicals present at a facility as the requester may need for emergency planning purposes.

J. Employee Notice and Rights:

1. The CITY shall post and maintain adequate notice, at locations where notices are normally posted, informing employees of their rights under the THCA. See Attachments 2 and 3.

2. Employees who may be exposed to hazardous chemicals shall be informed of the exposure and shall have access to the workplace chemical list and MSDS's. Employees, on request, shall be provided a copy of a specific MSDS with any trade secret information deleted. In addition, employees shall receive training concerning the hazards of the chemicals and measures they can take to protect themselves from those hazards. Employees shall be provided with appropriate personal protective equipment. Personal protective equipment required by the MSDS must be donned prior to using Hazardous Chemicals.

K. Reporting Fatalities and Injuries:

1. The CITY shall report incidents either orally or in writing to the Texas Department of Health within 48 hours after the occurrence of an employee accident that directly or indirectly involves chemical exposure, or that involves asphyxiation, and that is fatal to one or more employees, or results in the hospitalization of five or more employees.

2. The report shall relate the circumstances of the accident, the number of fatalities, and the extent of any injuries.

IV. RESPONSIBILITIES:

A. City Departments:

1. Complying with this Administrative Directive, the THCA, and laws applicable to hazardous chemicals or substances used, stored, or disposed of by CITY employees.
2. Publishing departmental directives to ensure compliance with the THCA, the Public Employer Community Right-To-Know Act, and this Administrative Directive.
3. Posting required publications and departmental directives in the workplace in readily accessible locations. See Attachments 2 and 3.
4. Maintaining the written Hazardous Chemical Program in the workplace. See Attachment 7 for a sample departmental written program.
5. Maintaining an accurate and up-to-date Workplace Chemical List (hereinafter referred to as "WCL") on site. Include all hazardous chemicals normally present in the workplace. This includes chemicals required by the THCA as well as those with labels containing warnings, cautions, or danger statements. Providing a duplicate list to the Risk Management Division. Providing a copy of changes to the list to Risk Management. See Attachment 4 for a sample chemical list. Note that other formats may be used as long as all data required on the sample list is included.
6. Maintaining training records for all employees working in the vicinity or exposed to Hazardous Chemicals on file in the workplace for a minimum of 5 years. Training records will include the date of training, a roster of employees who attended, the subjects covered in the training session, and the names of the instructors. Sending a copy of the training records to Risk Management whenever a training record is generated by the department.
7. Maintaining MSDS's on file on site where the chemical product is used or stored for as long as the product is used or stored in the workplace.
8. Ensuring that designated Contact Persons submit draft Tier Two Reports to Risk Management prior to December 31st of each year using the appropriate Tier Two form. All Hazardous Chemicals over 10,000 pounds or any chemical on the EHS list must be reported if the amount is at or exceeds the Threshold Planning Quantity or 500 pounds.
9. Ensuring supervisors receive chemical safety training, chemical identification, and chemical Train-The-Trainer courses from Risk Management which will allow supervisors to train employees under their supervision.

10. Ensuring departmental supervisors train employees on chemical safety, identification of Hazardous Chemicals, and handling of Hazardous Chemicals in the workplace.

11. Providing and maintaining personal protective equipment (hereinafter referred to as "PPE"), clothing, emergency showers, and eyewash stations needed to safely work with each hazardous substance in the workplace. Training employees on how to properly use PPE, arrange for required physical exams, and ensure employees use PPE whenever necessary.

12. Requesting assistance from Risk Management when needed in order to respond to inquiries resulting from the Public Employer Community Right-To-Know Act.

B. City Employees:

1. Follow all instructions on chemical container labels and MSDS's.

2. Properly use all required PPE for the chemical being used.

3. Are not to mix incompatible chemicals.

4. Know the location of emergency showers and eyewashes prior to using chemicals.

5. If exposed to a hazardous chemical, immediately obtain necessary First Aid and/or medical assistance as necessary.

6. Immediately report unsafe conditions and exposures to Hazardous Chemicals to your supervisor.

C. Risk Management Division:

1. Assisting CITY departments in formulating a policy to implement the requirements of the THCA and the Public Employer Community Right-To-Know Act.

2. Assisting departmental supervisors in developing chemical list for the workplace and to maintain a current inventory, updated as inventory shipments are received or as necessary. See Attachment 4.

3. Assisting departmental supervisors in preparing an annual Chemical Inventory list and submitting the list to Risk Management by December 31 of each year.

4. Providing copies of required chemical lists to the CITY Clerk's Office for storage.

5. Assisting departments in obtaining MSDS's when needed.

6. Providing Hazardous Chemical Train-The-Trainer classes to departmental supervisors on a quarterly basis and as requested by departments.

7. Providing on-site evaluations to assist departments in complying with safe handling and storing procedures for chemicals.

8. Assisting departments in responding to inquiries resulting from the Public Employer Community Right-To-Know Act.

9. Completing and consolidating required Tier Two Reports for all departments.

10. Submitting Tier Two Reports to the Texas Department of Health, the Fire Department, Bexar County Local Emergency Planning Committee, (hereinafter referred to as "LEPC"), City of San Antonio Health Department and other agencies requiring the information.

D. City Clerk:

Receiving and maintaining each year's Chemical lists for a period of 30 years as required by the THCA.

E. Fire Department:

Receiving and utilizing the City's Tier Two Reports for emergency planning purposes.

V. ATTACHMENTS:

1. Definitions. Selected terms applicable the Hazard Communication Program.
2. NOTICE TO EMPLOYEES –Texas Hazard Communication Act.
3. AVISO A TRABAJADORES – La ley de comunicación de Peligros de Texas.
4. Sample Chemical Inventory List.
5. Specific Toxic Chemicals. List of chemicals that have a Chemical Abstracts Service (CAS) Registry number. Updates to this attachment will be sent to departments by Risk Management when revisions become available. In the event that departments possess chemicals not listed in Attachment 5, employees will use them in accordance with the precautions contained on labels and the MSDS.
6. Extremely Hazardous Substances (EHS). Substances designated by the Texas Department of Health as extremely hazardous. This attachment will be updated upon receipt of revisions from the Texas Department of Health.
7. Sample Departmental Written Hazardous Chemical Program.

APPROVED:

Frank Garza
Acting City Attorney

APPROVED:

Alexander E. Briseño
City Manager

a:ad4.30

ATTACHMENT 1

DEFINITIONS

A. Chemical Name:

1. The scientific designation of a chemical in accordance with the nomenclature system developed by the International Union of Pure and Applied Chemistry (IUPAC) or the Chemical Abstracts Service (CAS) rules of nomenclature; or

2. A name that clearly identifies the chemical for the purpose of conducting a hazard evaluation.

B. Chemical Work Area: a room, a defined space, a utility structure, or an emergency response site in a workplace where hazardous chemicals are present, produced or used and where employees are present.

C. Designated Representative: the individual or organization to whom an employee gives written authorization to exercise the employee's rights under the THCA. A recognized or certified collective bargaining agent is a designated representative regardless of written employee authorization.

D. EPA: the United States Environmental Protection Agency.

E. EPCRA or SARA Title III: the federal Emergency Planning and Community Right-To-Know Act (hereinafter referred to as "EPCRA"), also known as the Superfund Amendments and Reauthorization Act of 1986, Title III, Pub. L., No. 99-499 *et seq*.

F. Emergency Contacts: Names and Titles of two persons who are knowledgeable of the chemicals stored or used in a facility. The emergency contact persons should be able to provide information if emergency responders need to plan for or respond to a hazardous chemical accident at the facility. The Emergency Contacts will be listed on annual Texas Tier Two Forms.

G. Employee: a person who may be or may have been exposed to hazardous chemicals in the person's workplace under normal operating conditions or foreseeable emergencies. Employees such as office workers or accountants who encounter hazardous chemicals only in non-routine , isolated instances are not employees for purposes of this directive.

H. Extremely Hazardous Substance: any substance as defined in EPCRA, Section 302, or listed by the United States Environmental Protection Agency in 40 CFR Part 355, Appendices A and B.

I. Foreseeable Emergency: any potential occurrence such as, but not limited to, equipment failure, rupture of containers, or failure of control equipment that could result in an uncontrolled release of a hazardous chemical into the workplace.

J. Hazardous Chemical or Chemical: an element, compound, or mixtures of elements or compounds that is a physical hazard or health hazard as defined by the Occupational Safety & Health Administration (OSHA) standard in 29 CFR Section 1910.1200(c), or a hazardous substance as defined by the OSHA standard in 29 CFR Section 1910.1200(d)(3), or by OSHA's written interpretations. A hazard determination may be made by employers who choose not to rely on the evaluations made by their suppliers if

there are relevant qualitative or quantitative differences. A hazard determination shall involve the best professional judgment. The term "Hazardous Chemical" does not include the following as stated in Chapter 506 of the Health and Safety Code:

1. Any food, food additive, color additive, drug, or cosmetic regulated by the Food and Drug Administration;
2. Any substance present as a solid in any manufactured item to the extent exposure to the substance does not occur under normal conditions of use;
3. Any substance to the extent that it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the public;
4. Any substance to the extent it is used in a research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified individual; and
5. Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate consumer.

K. Health Hazard: a chemical for which there is statistically significant evidence that acute or chronic health effects may occur in exposed employees. The term "health hazard" includes chemicals which are carcinogens, toxic or highly toxic agents, reproductive toxins, irritants, corrosives, sensitizers, hepatotoxins, nephrotoxins, neurotoxins, agents which act on the hematopoietic system, and agents which damage the lungs, skin, eyes, or mucous membranes.

L. Identity: any chemical or common name, or alphabetical or numerical identification, that is indicated on the Material Safety Data Sheet (hereinafter referred to as "MSDS), for the chemical. The identity used must permit cross-references to be made among the facility chemical list, the label, and the MSDS.

M. Label: any written, printed, or graphic material displayed on or affixed to a container of hazardous chemicals.

N. Local Emergency Planning Committee: a committee formed under the requirements of the EPCRA, Section 301, and recognized by the State Emergency Response Commission for the purposes of emergency planning and public information. Designated representatives from the CITY are members of the Bexar County Local Emergency Planning Committee.

O. Material Safety Data Sheet: a document containing chemical hazard and safe handling information that is prepared in accordance with the requirements of the OSHA standard for that document.

P. Physical Hazard: a chemical for which there is scientifically valid evidence that it is a combustible liquid, a compressed gas, explosive, flammable, an organic peroxide, an oxidizer, pyrophoric, unstable (reactive), or water-reactive in terms defined in the OSHA standard.

Q. Public Employer: includes, but is not limited to, the state and political subdivisions of the state, including state, county, and municipal agencies.

R. Threshold Planning Quantity: the minimum quantity of an extremely hazardous substance which requires a facility owner or operator to participate in emergency planning, as defined by the EPA pursuant to EPCRA, Section 302.

S. Tier Two Form:

1. A form specified by the Texas Department of Health under Section 506.006 for listing hazardous chemicals as required by EPCRA; or

2. A form accepted by the EPA under EPCRA for listing hazardous chemicals together with additional information required by the Texas Department of Health for administering its functions related to EPCRA.

T. Workplace: an establishment, job site, or project, at one geographical location containing one or more work areas, with or without buildings, that is staffed 20 or more hours a week.

U. Workplace Chemical List: a list of hazardous chemicals developed under Section 502.005(a) of the THCA. Specifically, an employer shall compile and maintain a Workplace Chemical List (hereinafter referred to as "WCL"), for at least 30 years that contains information on each hazardous chemical normally present in the workplace or temporary workplace in excess of 55 gallons or 500 pounds or any amount of a chemical included on the EHS lists determined by Texas Department of Health rules. The following pertains to workplace chemical lists:

1. the identity used on the MSDS and container label will be on the WCL.

2. the work area in which the hazardous chemical is normally present will be on the WCL.

3. The WCL shall be updated as necessary, but at least by December 31 of each year.

4. The WCL may be prepared for the workplace as a whole or for each work area or temporary workplace and must be readily available to employees and their representatives. All employees shall be made aware of the WCL before working with or in a work area containing hazardous chemicals.

5. The WCL must be dated and signed by the person who compiled the list.

6. An example of a WCL is shown on attachment 4.

Sources: Chapters 502 and 506 of the Texas Health and Safety Code and the Texas Tier Two Reporting Instructions.

NOTICE TO EMPLOYEES

The Texas Hazard Communication Act (revised 1993), codified as Chapter 502 of the Texas Health and Safety Code, requires public employers to provide employees with specific information on the hazards of chemicals to which employees may be exposed in the workplace. As required by law, your employer must provide you with certain information and training. A brief summary of the law follows.

WORKPLACE CHEMICAL LIST

Employers must develop a list of hazardous chemicals used or stored in the workplace in excess of 55 gallons or 500 pounds. This list shall be updated by the employer as necessary, but at least annually, and made readily available for employees and their representatives on request.

MATERIAL SAFETY DATA SHEETS

Employees who may be exposed to hazardous chemicals shall be informed of the exposure by the employer and shall have ready access to the most current material safety data sheets, which detail physical and health hazards and other pertinent information on those chemicals.

EMPLOYEE EDUCATION PROGRAM

Covered employees shall receive training by the employer on the hazards of the chemicals and on measures they can take to protect themselves from those hazards, and shall be provided with appropriate personal protective equipment. This training shall be provided as needed. Employers shall also provide training to new or newly assigned employees before the employees work with or in a work area containing a hazardous chemical.

LABELS

Employees shall not be required to work with hazardous chemicals from unlabeled containers, except portable containers for immediate use, the contents of which are known to the user.

EXEMPTIONS

The following chemicals are exempt from coverage by this act: articles that do not normally release hazardous chemicals, food, drugs, cosmetics, hazardous waste, tobacco and tobacco products, wood or wood products, consumer products used in the same manner as normal consumer use, and radioactive waste.

REPORTING FATALITIES OR INJURIES

Employers must report to the department within 48 hours the occurrence of a chemical accident that results in one or more employee fatalities or results in the hospitalization of five or more employees.

EMPLOYEE RIGHTS

Employees may file complaints with the Texas Department of Health at the toll free number below, and may not be discharged or discriminated against in any manner for the exercise of any rights provided by this act.

EMPLOYERS MAY BE SUBJECT TO ADMINISTRATIVE PENALTIES AND CIVIL OR CRIMINAL FINES RANGING FROM $50 TO $100,000 FOR EACH VIOLATION OF THIS ACT.

Further information may be obtained from:

Texas Department of Health
Division of Occupational Health
Hazard Communication Branch
1100 West 49th Street
Austin, Texas 78756

1-800-452-2791
(512) 834-6600
Tex-An: 241-6600

1/94

ATTACHMENT 2

This notice is subject to approval by the Texas Board of Health.

AVISO A TRABAJADORES

La ley de comunicación de Peligros de Texas (revisada en 1993); codificada como Capitulo 502 de el Código de Seguridad de Salud de Texas, requiere que los empleadores publicos proveen a trabajadores con información especifica sobre los peligros de químicos a los cuales los trabajadores pueden ser expuestos en el lugar de trabajo. Como es requerido por ley, su empleador debe de proveerle con cierta información y capacitación. Un breve resumen de la ley sigue:

LISTA DE QUIMICOS EN EL TRABAJO

Los empleadores deberán desarrollar una lista de los químicos peligrosos que se usan o se guardan en el lugar de trabajo en exceso de 55 galones o 500 libras. Esta lista debe de tener toda la información al corriente segun vaya siendo necesario o por lo menos una vez al año y ser disponible para los trabajadores cuando ellos lo requieran.

HOJAS DE INFORMACION DE SEGURIDAD SOBRE MATERIALES PELIGROSOS

Los trabajadores deben de ser informados sobre el posible riesgo de estar expuestos a químicos potencialmente peligrosos, por medio de las hojas de información de seguridad sobre materiales peligrosos que el empleador deberá de proveerles.

PROGRAMA DE EDUCACION PARA EL TRABAJADOR

Los trabajadores que pueden ser expuestos a químicos peligrosos deberán de recibir capacitación de su empleador sobre los químicos peligrosos y sobre las medidas de protección que deben de tomar para poder protegerse de estos peligros. Los trabajadores deberán de ser previstos con equipo de protección personal apropiado. Esta capacitación deberá de ser prevista cada y cuando sea necesario. Los empleadores deberan de preveer capacitación a los trabajadores nuevos o a los trabajadores recién asignados antes de que el trabajador comience a trabajar con o en una área de trabajo que contenga químicos peligrosos.

HOJAS DE INFORMACION EN EL RECIPIENTE

Si los recipientes que contienen químicos no tienen una hoja de información donde explica que contenido tiene el recipiente, el trabajador no deberá de ser requerido a usar químicos no identificados. Una excepción es el uso inmediato de los recipientes portatiles los cuales el trabajador tiene conocimiento del contenido.

EXCEPCIONES

No es requerido por esta ley el proveerle con información o protección sobre los siguientes químicos: artículos que normalmente no expiden químicos peligrosos, alimentos, drogas, cosméticos, desechos peligrosos, tabaco y productos de tabaco, madera y productos de madera, productos de consumidor usados en la misma manera que normalmente se usan en el hogar y desechos radioactivos.

REPORTANDO FATALIDADES O LASTIMADURAS

Los empleadores deberán de reportarle al Departamento de Salud de Texas, dentro de 48 horas sobre el accidente de químico ocurrido con el resultado de una o más fatalidades de trabajadores o la hospitalización de cinco o más trabajadores.

DERECHOS DEL TRABAJADOR

El trabajador puede someter sus quejas a el Departamento de Salud de Texas, y no podrá ser despedido o descriminado de ningúna manera por ejercer los derechos que se proveen por medio de ésta ley. Pueden llamar sin costo alguno al numero que se encuentra abajo.

EL EMPLEADOR PUEDE SER SUJETO A PENAS CIVILES O CRIMINALES DESDE $50 A $100,000 DOLARES POR CADA VIOLACION DE ESTA LEY.

Para obtener más información puede llamar o escribir al:

Texas Department of Health
Division of Occupational Health
Hazard Communication Branch
100 West 49th Street
Austin, Texas 78756

1-800-452-2791
(512) 834-6600

ATTACHMENT 3

9/94

CHEMICAL INVENTORY LIST

Compiled By: _____ (Signature)

Department: _____
Activity Code: _____
Address: _____

Location of Product Address: _____

Date Of List: _____
Retention: _____
(Date Of List Plus 30 Years)

Chemical Name (Identity on MSDS and Container Label) (1)	CAS# (2)	1996 (Jan-Dec) Peak Storage Quantity on Hand in pounds (3)	1997 (Jan-Dec) Peak Storage Quantity on Hand in pounds (4)	Hazards (A=Acute; C=Chronic; E-EHS; F=Fire; P=Pressure; R=Reactivity) (5)	List Required PPE (6)	Specific Gravity (7)	Exact Location of Chemical (8)
ATTACHMENT 4							

Primary Contact: _____ Phone: _____
Alternate Contact: _____ Phone: _____

SARA Title III Section 313 List of Chemicals

Subpart D - Specific Toxic Chemical Listings
§ 372.65 Chemicals and chemical categories to which this part applies.

The requirements of this part apply to the following chemicals and chemical categories. This section contains three listings. Paragraph (a) of this section is an alphabetical order listing of those chemicals that have an associated Chemical Abstracts Service (CAS) Registry number. Paragraph (b) of this section contains a CAS number order list of the same chemicals listed in paragraph (a) of this section. Paragraph (c) of this section contains the chemical categories for which reporting is required. These chemical categories are listed in alphabetical order and do not have CAS numbers. Each listing identifies the effective date for reporting under § 372.30.

(a) Alphabetical listing.

Chemical Name	CAS Number	Effective date
ABAMECTIN	71751412	1/1/95
ACEPHATE	30560191	1/1/95
ACETALDEHYDE	75070	1/1/87
ACETAMIDE	60355	1/1/87
ACETONITRILE	75058	1/1/87
ACETOPHENONE	98862	1/1/94
2-ACETYLAMINOFLUORENE	53963	1/1/87
ACETYLPHOSPHORAMIDOTHIOIC ACID O,S-DIMETHYL ESTER	30560191	1/1/95
ACIFLUORFEN, SODIUM SALT	62476599	1/1/95
ACROLEIN	107028	1/1/87
ACRYLAMIDE	79061	1/1/87
ACRYLIC ACID	79107	1/1/87
ACRYLONITRILE	107131	1/1/87
ALACHLOR	15972608	1/1/95
ALDICARB	116063	1/1/95
ALDRIN	309002	1/1/87
ALLYL ALCOHOL	107186	1/1/90
ALLYL CHLORIDE	107051	1/1/87
ALLYLAMINE	107119	1/1/95
ALUMINUM (FUME OR DUST)	7429905	1/1/87
ALUMINUM PHOSPHIDE	20859738	1/1/95
AMETRYN	834128	1/1/95
1-AMINO-2-METHYLANTHRAQUINONE	82280	1/1/87
2-AMINOANTHRAQUINONE	117793	1/1/87
4-AMINOAZOBENZENE	60093	1/1/87
4-AMINOBIPHENYL	92671	1/1/87
AMITRAZ	33089611	1/1/95
AMITROLE	61825	1/1/94
AMMONIA (INCLUDES ANHYDROUS AMMONIA AND AQUEOUS AMMONIA FROM WATER DISSOCIABLE AMMONIUM SALTS AND OTHER SOURCES; 10% OF TOTAL AQUEOUS AMMONIA IS REPORTABLE UNDER THIS LISTING)	7664417	1/1/87
AMMONIUM NITRATE (SOLUTION)(NO REPORT REQUIRED AFTER 7/2/95)	6484522	1/1/87
AMMONIUM SULFATE, SOLUTION (NO REPORT REQUIRED AFTER 1/1/94)	7783202	1/1/87
ANILAZINE	101053	1/1/95
ANILINE	62533	1/1/87
o-ANISIDINE	90040	1/1/87
p-ANISIDINE	104949	1/1/87

ATTACHMENT 5

Chemical Name	CAS Number	Effective date
o-ANISIDINE HYDROCHLORIDE	134292	1/1/87
ANTHRACENE	120127	1/1/87
ANTIMONY	7440360	1/1/87
ARSENIC	7440382	1/1/87
ASBESTOS (FRIABLE)	1332214	1/1/87
ATRAZINE	1912249	1/1/95
AURAMINE	492808	1/1/87
AVERMECTIN B1	71751412	1/1/95
1H-AZEPINE-1-CARBOTHIOIC ACID, HEXAHYDRO-S-ETHYL ESTER	2212671	1/1/95
AZIRIDINE	151564	1/1/87
BARIUM	7440393	1/1/87
BENDIOCARB	22781233	1/1/95
BENFLURALIN	1861401	1/1/95
BENOMYL	17804352	1/1/95
BENZAL CHLORIDE	98873	1/1/87
BENZAMIDE	55210	1/1/87
BENZENE	71432	1/1/87
BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS(4-METHOXY-	72435	1/1/87
BENZENE, 2,4-DICHLORO-1-(4-NITROPHENOXY)-	1836755	1/1/87
BENZENEACETIC ACID, 4-CHLORO-.alpha.-(4-CHLOROPHENYL)-.alpha.-HYDROXY-, ETHYL ESTER	510156	1/1/87
BENZENEAMINE, 2,6-DINITRO-N,N-DIPROPYL-4-(TRIFLUOROMETHYL)-	1582098	1/1/87
BENZENEAMINE, N-HYDROXY-N-NITROSO, AMMONIUM SALT	135206	1/1/87
1,3,-BENZENEDICARBONITRILE, 2,4,5,6-TETRACHLORO-	1897456	1/1/87
BENZENEMETHANOL, 4-CHLORO-.ALPHA.-(4-CHLOROPHENYL)-.alpha.-(TRICHLOROMETHYL)-	115322	1/1/87
BENZIDINE	92875	1/1/87
1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE (ONLY PERSONS WHO MANUFACTURE ARE SUBJECT, NO SUPPLIER NOTIFICATION)	81072	1/1/87
BENZOIC ACID, 3-AMINO-2,5-DICHLORO-	133904	1/1/87
BENZOIC TRICHLORIDE	98077	1/1/87
BENZOTRICHLORIDE	98077	1/1/87
BENZOYL CHLORIDE	98884	1/1/87
BENZOYL PEROXIDE	94360	1/1/87
BENZYL CHLORIDE	100447	1/1/87
BERYLLIUM	7440417	1/1/87
BIFENTHRIN	82657043	1/1/95
BIPHENYL	92524	1/1/87
BIS(2-CHLORO-1-METHYLETHYL)ETHER	108601	1/1/87
BIS(2-CHLOROETHOXY)METHANE	111911	1/1/94
BIS(2-CHLOROETHYL) ETHER	111444	1/1/87
BIS(CHLOROMETHYL) ETHER	542881	1/1/87
N,N'-BIS(1-METHYLETHYL)-6-METHYLTHIO-1,3,5-TRIAZINE-2,4-DIAMINE	7287196	1/1/95
BIS(TRIBUTYLIN) OXIDE	56359	1/1/95
BORON TRICHLORIDE	10294345	1/1/95
BORON TRIFLUORIDE	7637072	1/1/95
BROMACIL	314409	1/1/95
BROMACIL, LITHIUM SALT	53404196	1/1/95
BROMINE	7726956	1/1/95

Chemical Name	CAS Number	Effective date
1-BROMO-1-(BROMOMETHYL)-1,3-PROPANEDICARBONITRILE	35691657	1/1/95
O-(4-BROMO-2-CHLOROPHENYL)-O-ETHYL-S-PROPYL PHOSPHOROTHIOATE	41198087	1/1/95
1-BROMO-1-(BROMOMETHYL)-1,3-PROPANEDICARBONITRILE	35691657	1/1/95
2-BROMO-2-NITROPROPANE-1,3-DIOL	52517	1/1/95
BROMOCHLORODIFLUOROMETHANE	353593	7/8/90
BROMOFORM	75252	1/1/87
BROMOMETHANE	74839	1/1/87
BROMOTRIFLUOROMETHANE	75638	7/8/90
BROMOXYNIL	1689845	1/1/95
BROMOXYNIL OCTANOATE	1689992	1/1/95
BRONOPOL	52517	1/1/95
BRUCINE	357573	1/1/95
1,3-BUTADIENE	106990	1/1/87
BUTYL ACRYLATE	141322	1/1/87
N-BUTYL ALCOHOL	71363	1/1/87
BUTYL BENZYL PHTHALATE (DELETED AFTER REPORT FOR 1993)	85687	1/1/87
alpha-BUTYL-alpha-(4-CHLOROPHENYL)-1H-1,2,4-TRIAZOLE-1-PROPANENITRILE	88671890	1/1/95
N-BUTYL-N-ETHYL-2,6-DINITRO-4-(TRIFLUOROMETHYL)BENZENAMINE	1861401	1/1/95
1,2-BUTYLENE OXIDE	106887	1/1/87
BUTYLETHYLCARBAMOTHIOIC ACID S-PROPYL ESTER	1114712	1/1/95
BUTYRALDEHYDE	123728	1/1/87
C.I. ACID GREEN 3	4680788	1/1/87
C.I. ACID RED 114	6459945	1/1/95
C.I. BASIC GREEN 4	569642	1/1/87
C.I. BASIC RED 1	989388	1/1/87
C.I. DIRECT BLACK 38	1937377	1/1/87
C.I. DIRECT BLUE 218	28407376	1/1/95
C.I. DIRECT BLUE 6	2602462	1/1/87
C.I. DIRECT BROWN 95	16071866	1/1/87
C.I. DISPERSE YELLOW 3	2832408	1/1/87
C.I. FOOD RED 15	81889	1/1/87
C.I. FOOD RED 5	3761533	1/1/87
C.I. SOLVENT ORANGE 7	3118978	1/1/87
C.I. SOLVENT YELLOW 14	842079	1/1/87
C.I. SOLVENT YELLOW 3	97563	1/1/87
C.I. SOLVENT YELLOW 34	492808	1/1/87
C.I. VAT YELLOW 4	128666	1/1/87
CADMIUM	7440439	1/1/87
CALCIUM CYANAMIDE	156627	1/1/87
CAPTAN	133062	1/1/87
CARBAMIC ACID, DIETHYLTHIO-, S-(P-CHLOROBENZYL)	28249776	1/1/95
CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, MANGANESE COMPLEX	12427382	1/1/87
CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, ZINC COMPLEX	12122677	1/1/87
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER	2303164	1/1/87
CARBARYL	63252	1/1/87
CARBOFURAN	1563662	1/1/95
CARBON DISULFIDE	75150	1/1/87
CARBON TETRACHLORIDE	56235	1/1/87

Chemical Name	CAS Number	Effective date
CARBONYL SULFIDE	463581	1/1/87
CARBOXIN	5234684	1/1/95
CATECHOL	120809	1/1/87
CFC-11	75694	7/8/90
CFC-114	76142	7/8/90
CFC-115	76153	7/8/90
CFC-12	75718	7/8/90
CFC-13	75729	1/1/95
CHINOMETHIONAT	2439012	1/1/86
CHLORAMBEN	133904	1/1/87
CHLORDANE	57749	1/1/87
CHLORENDIC ACID	115286	1/1/86
CHLORIMURON ETHYL	90982324	1/1/86
CHLORINE	7782505	1/1/87
CHLORINE DIOXIDE	10049044	1/1/87
2-(4-((6-CHLORO-2-BENZOXAZOLYLEN)OXY)PHENOXY)PROPANOIC ACID, ETHYL ESTER	66441234	1/1/95
2-CHLORO-N-(2-CHLOROETHYL)-N-METHYLETHANAMINE	51752	1/1/87
1-CHLORO-1,1-DIFLUOROETHANE	75683	1/1/94
5-CHLORO-3-(1,1-DIMETHYLETHYL)-6-METHYL-2,4(1H,3H)-PYRIMIDINEDIONE	5902512	1/1/95
2-CHLORO-N-(2,6-DINITRO-4-(TRIFLUOROMETHYL)-PHENYL)-N-ETHYL-6-FLUOROBENZENEMETHANAMINE	62924703	1/1/95
6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-1,3,5,-TRIAZINE-2,4-DIAMINE	1912249	1/1/95
2-CHLORO-N-([4-METHOXY-6-METHYL-1,3,5-TRIAZIN-2-YL)AMINO)CARBONYL)BENZENESULFONAMIDE	64902723	1/1/95
3-CHLORO-2-METHYL-1-PROPENE	563473	1/1/95
4-CHLORO-5-(METHYLAMINO)-2-[3-(TRIFLUOROMETHYL)PHENYL]-3(2H)-PYRIDAZINONE	27314132	1/1/95
2-CHLORO-N-(1-METHYLETHYL)-N-PHENYLACETAMIDE	1918167	1/1/95
(4-CHLORO-2-METHYLPHENOXY) ACETATE SODIUM SALT	3653483	1/1/95
(4-CHLORO-2-METHYLPHENOXY)ACETIC ACID	94746	1/1/95
2-[4-[(6-CHLORO-2-QUINOXALINYL)OXY]PHENOXY]PROPANOIC ACID, ETHYL ESTER	76578148	1/1/95
3-(2-CHLORO-3,3,3-TRIFLUORO-1-PROPENYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLIC ACID, CYANO(3-PHENOXYPHENYL)METHYL ESTER	68085858	1/1/95
1-CHLORO-1,1,2,2-TETRAFLUOROETHANE	354256	1/1/94
2-CHLORO-1,1,1,2-TETRAFLUOROETHANE	2837890	1/1/94
p-CHLORO-O-TOLUIDINE	95692	1/1/95
2-CHLORO-6-(TRICHLOROMETHYL)PYRIDINE	1929824	1/1/95
2-CHLORO-1,1,1-TRIFLUOROETHANE	75887	1/1/95
5-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENOXY)-N-METHYLSULFONYL-2-NITROBENZAMIDE	72178020	1/1/95
5-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENOXY)-2-NITROBENZOIC ACID, SODIUM SALT	62476599	1/1/95
5-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENOXY)-2-NITRO-2-ETHOXY-1-METHYL-2-OXOETHYL ESTER	77501634	1/1/95
N-[2-CHLORO-4-(TRIFLUOROMETHYL)PHENYL]-DL-VALINE(+)-CYANO(3-PHENOXYPHENYL)METHYL ESTER	69409945	1/1/95
3-CHLORO-1,1,1-TRIFLUOROPROPANE	460355	1/1/95
CHLOROACETIC ACID	79118	1/1/87
2-CHLOROACETOPHENONE	532274	1/1/87
1-(3-CHLOROALLYL)-3,5,7-TRIAZA-1-AZONIAADAMANTANE CHLORIDE	4080313	1/1/95
p-CHLOROANILINE	106478	1/1/95

Chemical Name	CAS Number	Effective date
CHLOROBENZENE	108907	1/1/87
CHLOROBENZILATE	510156	1/1/87
CHLORODIFLUOROBROMOMETHANE	353593	1/1/87
CHLORODIFLUOROMETHANE	75456	1/1/94
CHLOROETHANE	75003	1/1/87
CHLOROFORM	67663	1/1/87
CHLOROMETHANE	74873	1/1/87
CHLOROMETHYL METHYL ETHER	107302	1/1/87
1-(4-CHLOROPHENOXY)-3,3-DIMETHYL-1-(1H-1,2,4-TRIAZOL-1-YL)-2-BUTANONE	43121433	1/1/95
alpha-(2-CHLOROPHENYL)-alpha-4-CHLOROPHENYL)-5-PYRIMIDINEMETHANOL	60168889	1/1/95
p-CHLOROPHENYL ISOCYANATE	104121	1/1/95
CHLOROPICRIN	76062	1/1/95
CHLOROPRENE	126998	1/1/87
3-CHLOROPROPIONITRILE	542767	1/1/95
CHLOROTETRAFLUOROETHANE	63938103	1/1/94
CHLOROTHALONIL	1897456	1/1/87
CHLOROTRIFLUOROMETHANE	75729	1/1/95
CHLORPYRIFOS METHYL	5598130	1/1/95
CHLORSULFURON	64902723	1/1/95
CHROMIUM	7440473	1/1/87
COBALT	7440484	1/1/87
COPPER	7440508	1/1/87
CREOSOTE	8001589	1/1/90
p-CRESIDINE	120718	1/1/87
m-CRESOL	108394	1/1/87
o-CRESOL	95487	1/1/87
p-CRESOL	106445	1/1/87
CRESOL, MIXED ISOMERS	1319773	1/1/87
CROTONALDEHYDE	4170303	1/1/95
CUMENE	98828	1/1/87
CUMENE HYDROPEROXIDE	80159	1/1/87
CUPFERRON	135206	1/1/87
CYANAZINE	21725462	1/1/95
CYCLOATE	1134232	1/1/95
2,5-CYCLOHEXADIENE-1,4-DIONE, 2,3,5-TRIS(1-AZIRIDINYL)-	68768	1/1/87
CYCLOHEXANE	110827	1/1/87
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-(1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.6.beta.)-	58899	1/1/87
CYCLOHEXANOL	108930	1/1/95
CYFLUTHRIN	68359375	1/1/95
CYHALOTHRIN	68085858	1/1/95
d-trans-CHRYSANTHEMIC ACID OF d-ALLETHRONE	28057489	1/1/95
2,4-D	94757	1/1/87
2,4-D BUTOXYETHYL ESTER	1929733	1/1/95
2,4-D BUTYL ESTER	94804	1/1/95
2,4-D CHLOROCROTYL ESTER	2971382	1/1/95
2,4-D 2-ETHYL-4-METHYLPENTYL ESTER	53404378	1/1/95
2,4-D 2-ETHYLHEXYL ESTER	1928434	1/1/95
2,4-D ISOPROPYL ESTER	94111	1/1/95

Chemical Name	CAS Number	Effective date
2,4-D PROPYLENE GLYCOL BUTYL ETHER ESTER	1320189	1/1/95
2,4-D SODIUM SALT	2702720	1/1/95
DAZOMET	533744	1/1/95
DAZOMET, SODIUM SALT	53404607	1/1/95
2,4,-DB	94826	1/1/95
DBCP	96128	1/1/87
DECABROMODIPHENYL OXIDE	1163195	1/1/87
DEF	78488	1/1/95
DEHP	117817	1/1/87
DESMEDIPHAM	13684565	1/1/95
DIALLATE	2303164	1/1/87
2,4-DIAMINOANISOLE	615054	1/1/87
2,4-DIAMINOANISOLE SULFATE	39156417	1/1/87
4,4'-DIAMINODIPHENYL ETHER	101804	1/1/87
2,4-DIAMINOTOLUENE	95807	1/1/87
DIAMINOTOLUENE (MIXED ISOMERS)	25376458	1/1/87
o-DIANISIDINE DIHYDROCHLORIDE	20325400	1/1/95
o-DIANISIDINE HYDROCHLORIDE	111984099	1/1/95
DIAZINON	333415	1/1/95
DIAZOMETHANE	334883	1/1/87
DIBENZOFURAN	132649	1/1/87
1,2-DIBROMO-3-CHLOROPROPANE	96128	1/1/87
3,5-DIBROMO-4-HYDROXYBENZONITRILE	1689845	1/1/95
2,2-DIBROMO-3-NITRILOPROPIONAMIDE (reporting requirement stayed 10/27/95)	10222012	1/1/95
1,2-DIBROMOETHANE	106934	1/1/87
DIBROMOTETRAFLUOROETHANE	124732	7/8/90
DIBUTYL PHTHALATE	84742	1/1/87
DICAMBA	1918009	1/1/95
DICHLORAN	99309	1/1/95
1,2-DICHLOROBENZENE	95501	1/1/87
1,3-DICHLOROBENZENE	541731	1/1/87
1,4-DICHLOROBENZENE	106467	1/1/87
3,3'-DICHLOROBENZIDINE	91941	1/1/87
3,3'-DICHLOROBENZIDINE DIHYDROCHLORIDE	612839	1/1/95
3,3'-DICHLOROBENZIDINE SULFATE	64969342	1/1/95
1,4-DICHLORO-2-BUTENE	764410	1/1/94
4,6-DICHLORO-N-(2-CHLOROPHENYL)-1,3,5-TRIAZIN-2-AMINE	101053	1/1/95
1,2-DICHLORO-1,1-DIFLUOROETHANE	1649087	1/1/95
1,2-DICHLOROETHANE	107062	1/1/87
3-(2,2-DICHLOROETHENYL)-2,2-DIMETHYLCYCLOPROPANE ARBOXYLIC ACID, (3-PHENOXYPHENYL)METHYL ESTER)	52645531	1/1/95
3-(2,2-DICHLOROETHENYL)-2,2-DIMETHYLCYCLOPROPANE ARBOXYLIC ACID, CYANO(4-FLUORO-3-PHENOXYPHENYL)METHYL ESTER	68359375	1/1/95
1,2-DICHLOROETHYLENE	540590	1/1/87
1,1-DICHLORO-1-FLUOROETHANE	1717006	1/1/94
3,6-DICHLORO-2-METHOXYBENZOIC ACID	1918009	1/1/95
3,6-DICHLORO-2-METHOXYBENZOIC ACID, SODIUM SALT	1982690	1/1/95
2,6-DICHLORO-4-NITROANILINE	99309	1/1/95

Chemical Name	CAS Number	Effective date
1,1-DICHLORO-1,2,2,3,3-PENTAFLUOROPROPANE	13474889	1/1/95
1,1-DICHLORO-1,2,3,3,3-PENTAFLUOROPROPANE	111512562	1/1/95
1,2-DICHLORO-1,1,2,3,3-PENTAFLUOROPROPANE	422448	1/1/95
1,2-DICHLORO-1,1,3,3,3-PENTAFLUOROPROPANE	431667	1/1/95
1,3-DICHLORO-1,1,2,2,3-PENTAFLUOROPROPANE	507551	1/1/95
1,3-DICHLORO-1,1,2,3,3-PENTAFLUOROPROPANE	136013791	1/1/95
2,2-DICHLORO-1,1,1,3,3-PENTAFLUOROPROPANE	128903219	1/1/95
2,3-DICHLORO-1,1,1,2,3-PENTAFLUOROPROPANE	422480	1/1/95
3,3-DICHLORO-1,1,1,2,2-PENTAFLUOROPROPANE	422560	1/1/95
2,4-DICHLOROPHENOL	120832	1/1/87
2-[4-(2,4-DICHLOROPHENOXY)PHENOXY]PROPANOIC ACID,METHYL ESTER	51338273	1/1/95
3-(3,5-DICHLOROPHENYL)-5-ETHENYL-5-METHYL-2,4-OXAZOLIDINEDIONE	50471448	1/1/95
2-(3,4-DICHLOROPHENYL)-4-METHYL-1,2,4-OXADIAZOLIDINE-3,5-DIONE	20354261	1/1/95
1-[2-(2,4-DICHLOROPHENYL)-2-(2-PROPENYLOXY)ETHYL]-1H-IMIDAZOLE	35554440	1/1/95
1-[2-(2,4-DICHLOROPHENYL)-4-PROPYL-1,3-DIOXOLAN-2-YL]-METHYL-1H-1,2,4,-TRIAZOLE	60207901	1/1/95
1,2-DICHLOROPROPANE	78875	1/1/87
2,3-DICHLOROPROPENE	78886	1/1/90
1,3-DICHLOROPROPYLENE	542756	1/1/87
1,1-DICHLORO-1,2,2-TRIFLUOROETHANE	812044	1/1/94
1,2-DICHLORO-1,1,2-TRIFLUOROETHANE	354234	1/1/94
2,2-DICHLORO-1,1,1-TRIFLUOROETHANE	306832	1/1/94
DICHLORO-1,1,2-TRIFLUOROETHANE	90454185	1/1/94
DICHLOROBENZENE (MIXED ISOMERS)	25321226	1/1/87
DICHLOROBROMOMETHANE	75274	1/1/87
trans-1,4-DICHLORO-2-BUTENE	110576	1/1/95
DICHLORODIFLUOROMETHANE	75718	7/8/90
DICHLOROFLUOROMETHANE	75434	1/1/95
DICHLOROMETHANE	75092	1/1/87
DICHLOROPENTAFLUOROPROPANE	127564925	1/1/95
DICHLOROPHENE	97234	1/1/95
N-(3,4-DICHLOROPHENYL)PROPANAMIDE	709988	1/1/95
trans-1,3-DICHLOROPROPENE	10061026	1/1/95
DICHLOROTETRAFLUOROETHANE	76142	7/8/90
DICHLOROTRIFLUOROETHANE	34077877	1/1/94
DICHLORVOS	62737	1/1/87
DICLOFOP METHYL	51338273	1/1/95
DICOFOL	115322	1/1/87
DICYCLOPENTADIENE	77736	1/1/95
DIEPOXYBUTANE	1464536	1/1/87
DIETHANOLAMINE	111422	1/1/87
DIETHATYL ETHYL	38727558	1/1/95
DIETHYL SULFATE	64675	1/1/87
DI(2-ETHYLHEXYL) PHTHALATE	117817	1/1/87
N-[5-(1,1-DIMETHYLETHYL)- 1,3,4-THIADIAZOL-2-YL]-N,N'-DIMETHYLUREA	34014181	1/1/95
O-(2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL)-O,O-DIMETHYL PHOSPHOROTHIOATE	29232937	1/1/95
DIFLUBENZURON	35367385	1/1/95
DIGLYCIDYL RESORCINOL ETHER	101906	1/1/95

Chemical Name	CAS Number	Effective date
2,3-DIHYDRO-5,6-DIMETHYL-1,4-DITHIIN-1,1,4,4-TETRAOXIDE	55290647	1/1/95
5,6-DIHYDRO-2-METHYL-N-PHENYL-1,4-OXATHIIN-3-CARBOXAMIDE	5234684	1/1/95
DIHYDROSAFROLE	94586	1/1/94
1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXACHLORO-1,4,4a,5,8,8a-HEXAHYDRO-(1 alpha.,4 alpha.,4a beta.,5 alpha.,8 alpha.,8a beta.)-	309002	1/1/87
DIMETHIPIN	55290647	1/1/95
DIMETHOATE	60515	1/1/95
3,3'-DIMETHOXYBENZIDINE	119904	1/1/87
3,3'-DIMETHOXYBENZIDINE DIHYDROCHLORIDE	20325400	1/1/95
3,3'-DIMETHOXYBENZIDINE HYDROCHLORIDE	111984099	1/1/95
2,2-DIMETHYL-1,3-BENZODIOXOL-4-OL METHYLCARBAMATE	22781233	1/1/95
DIMETHYL CHLOROTHIOPHOSPHATE	2524030	1/1/95
O,O-DIMETHYL-O-(3-METHYL-4-(METHYLTHIO)PHENYL)ESTER, PHOSPHOROTHIOIC ACID	55389	1/1/95
2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCLOPROPANE CARBOXYLIC ACID (1,3,4,5,6,7-HEXAHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)METHYL ESTER	7696120	1/1/95
2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCLOPROPANE CARBOXYLIC ACID (3-PHENOXYPHENYL)METHYL ESTER	26002802	1/1/95
O,O-DIMETHYL-O-(3,5,6-TRICHLORO-2-PYRIDYL)PHOSPHOROTHIOATE	5598130	1/1/95
DIMETHYL PHTHALATE	131113	1/1/87
DIMETHYL SULFATE	77781	1/1/87
DIMETHYLAMINE	124403	1/1/95
DIMETHYLAMINE DICAMBA	2300665	1/1/95
4-DIMETHYLAMINOAZOBENZENE	60117	1/1/87
N,N-DIMETHYLANILINE	121697	1/1/87
3,3'-DIMETHYLBENZIDINE	119937	1/1/87
3,3'-DIMETHYLBENZIDINE DIHYDROCHLORIDE	612828	1/1/95
3,3'-DIMETHYLBENZIDINE DIHYDROFLUORIDE	41766750	1/1/95
DIMETHYLCARBAMYL CHLORIDE	79447	1/1/87
DIMETHYLDICHLOROSILANE	75785	1/1/95
N,N-DIMETHYLFORMAMIDE	68122	1/1/95
1,1-DIMETHYLHYDRAZINE	57147	1/1/87
2,4-DIMETHYLPHENOL	105679	1/1/87
2,6-DIMETHYLPHENOL	576261	1/1/95
m-DINITROBENZENE	99650	1/1/90
o-DINITROBENZENE	528290	1/1/90
p-DINITROBENZENE	100254	1/1/90
DINITROBUTYL PHENOL	88857	1/1/95
4,6-DINITRO-o-CRESOL	534521	1/1/87
2,4-DINITROPHENOL	51285	1/1/87
2,4-DINITROTOLUENE	121142	1/1/87
2,6-DINITROTOLUENE	606202	1/1/87
DINITROTOLUENE (MIXED ISOMERS)	25321146	1/1/90
DINOCAP	39300453	1/1/95
DINOSEB	88857	1/1/95
DIPHENAMID	957517	1/1/95
DIPHENYLAMINE	122394	1/1/95
1,2-DIPHENYLHYDRAZINE	122667	1/1/87
DIPOTASSIUM ENDOTHALL	2164070	1/1/95

Chemical Name	CAS Number	Effective date
DIPROPYL ISOCINCHOMERONATE	136456	1/1/95
4-(DIPROPYLAMINO)-3,5-DINITROBENZENESULFONAMIDE	19044883	1/1/95
DISODIUM CYANODITHIOIMIDOCARBONATE	138932	1/1/95
2,4-DITHIOBIURET	541537	1/1/95
DIURON	330541	1/1/95
DODECYLGUANIDINE MONOACETATE	2439103	1/1/95
DODINE	2439103	1/1/95
1,4-DIOXANE	123911	1/1/87
2,4,-DP	120365	1/1/95
EPICHLOROHYDRIN	106898	1/1/87
EPTC	759944	1/1/95
ETHANE, 1,1'-THIOBIS[2-CHLORO-	505602	1/1/87
ETHANE, 1,1,2-TRICHLORO-1,2,2-TRIFLUORO-	76131	1/1/87
ETHOPROP	13194484	1/1/95
2-ETHOXYETHANOL	110805	1/1/87
2-{1-(ETHOXYIMINO)BUTYL}-5-{2-(ETHYLTHIO)PROPYL}-3-HYDROXY-2-CYCLOHEXEN-1-ONE	74051802	1/1/95
2-[[ETHOXYL[(1-METHYLETHYL)AMINO]PHOSPHINOTHIOYL]OXY]BENZOIC ACID 1-METHYLETHYL ESTER	25311711	1/1/95
ETHYL ACRYLATE	140885	1/1/87
ETHYL CARBAMATE	51796	1/1/87
ETHYL CHLORIDE	75003	1/1/87
ETHYL CHLOROFORMATE	541413	1/1/87
ETHYL DIPROPYLTHIOCARBAMATE	759944	1/1/95
ETHYL-2-[[[(4-CHLORO-6-METHOXYPRIMIDIN-2-YL)-CARBONYL]-AMINO]SULFONYL]BENZOATE	90982324	1/1/95
N-ETHYL-N'-(1-METHYLETHYL)-6-(METHYLTHIO)-1,3,5,-TRIAZINE-2,4-DIAMINE	834128	1/1/95
O-ETHYL-O-{4-(METHYLTHIO)PHENYL}PHOSPHORODITHIOICACID S-PROPYL ESTER	35400432	1/1/95
3-[[(ETHYLAMINO)METHOXYPHOSPHINOTHIOYL]OXY]-2-BUTENOIC ACID, 1-METHYLETHYL ESTER	31218834	1/1/95
ETHYLBENZENE	100414	1/1/87
ETHYLENE	74851	1/1/87
ETHYLENE DIBROMIDE	106934	1/1/87
ETHYLENE DICHLORIDE	107062	1/1/87
ETHYLENE GLYCOL	107211	1/1/87
ETHYLENE OXIDE	75218	1/1/87
ETHYLENE THIOUREA	96457	1/1/87
ETHYLENEIMINE	151564	1/1/87
ETHYLIDENE DICHLORIDE	75343	1/1/94
N-(1-ETHYLPROPYL)-3,4-DIMETHYL-2,6-DINITROBENZENAMINE	40487421	1/1/95
S-(2-(ETHYLSULFINYL)ETHYL) O,O-DIMETHYL ESTER PHOSPHOROTHIOIC ACID	301122	1/1/95
FAMPHUR	52857	1/1/95
FENARIMOL	60168889	1/1/95
FENBUTATIN OXIDE	13356086	1/1/95
FENOXAPROP ETHYL	66441234	1/1/95
FENOXYCARB	72490018	1/1/95
FENPROPATHRIN	39515418	1/1/95
FENTHION	55389	1/1/95
FENVALERATE	51630581	1/1/95

Chemical Name	CAS Number	Effective date
FERBAM	14484641	1/1/86
FLUAZIFOP-BUTYL	69806504	1/1/86
FLUMETRALIN	62924703	1/1/86
FLUOMETURON	2164172	1/1/87
FLUORINE	7782414	1/1/86
FLUOROURACIL	51218	1/1/86
5-FLUOROURACIL	51218	1/1/86
FLUVALINATE	69409945	1/1/86
FOLPET	133073	1/1/86
FOMESAFEN	72178020	1/1/86
FORMALDEHYDE	50000	1/1/87
FORMIC ACID	64186	1/1/84
FREON 113	76131	1/1/87
HALON 1211	421012	7/8/90
HALON 1301	75638	7/8/90
HALON 2402	124732	7/8/90
HCFC-121	354143	1/1/86
HCFC-121a	354110	1/1/86
HCFC-123	306832	1/1/84
HCFC-123a	354234	1/1/84
HCFC-123b	812044	1/1/84
HCFC-124	2837890	1/1/84
HCFC-124a	354256	1/1/84
HCFC-132b	1649087	1/1/95
HCFC-133a	75887	1/1/95
HCFC-141b	1717006	1/1/94
HCFC-142b	75683	1/1/94
HCFC-21	75434	1/1/95
HCFC-22	75456	1/1/94
HCFC-225aa	128903219	1/1/95
HCFC-225ba	422480	1/1/95
HCFC-225bb	422448	1/1/95
HCFC-225ca	422560	1/1/95
HCFC-225cb	507551	1/1/95
HCFC-225cc	13474489	1/1/95
HCFC-225da	431867	1/1/95
HCFC-225ea	136013791	1/1/95
HCFC-225eb	111512562	1/1/95
HCFC-253b	460355	1/1/95
HEPTACHLOR	76448	1/1/87
1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO-4,7-METHANO-1H-INDENE	76448	1/1/87
HEXACHLORO-1,3-BUTADIENE	87683	1/1/87
HEXACHLOROBENZENE	118741	1/1/87
alpha-HEXACHLOROCYCLOHEXANE	319846	1/1/95
HEXACHLOROCYCLOPENTADIENE	77474	1/1/87
HEXACHLOROETHANE	67721	1/1/87
HEXACHLORONAPHTHALENE	1335871	1/1/87
HEXACHLOROPHENE	70304	1/1/87

Chemical Name	CAS Number	Effective date
HEXAKIS(2-METHYL-2-PHENYL-PROPYL)DISTANNOXANE	13356086	1/1/86
HEXAMETHYLPHOSPHORAMIDE	680319	1/1/87
N-HEXANE	110543	1/1/86
HEXAZINONE	51235042	1/1/95
HYDRAMETHYLNON	67486294	1/1/86
HYDRAZINE	302012	1/1/87
HYDRAZINE SULFATE	10034932	1/1/87
HYDRAZOBENZENE	122667	1/1/87
HYDROCHLORIC ACID (ACID AEROSOLS, INCLUDING MISTS, VAPORS, GAS, FOG, AND OTHER AIRBORNE FORMS OF ANY PARTICLE SIZE)	7647010	1/1/87
HYDROGEN CYANIDE	74908	1/1/87
HYDROGEN FLUORIDE	7664393	1/1/87
HYDROGEN SULFIDE (REPORT REQUIREMENT STAYED 8/22/94)	7783064	1/1/94
HYDROQUINONE	123319	1/1/87
IMAZALIL	35554440	1/1/95
3-IODO-2-PROPYNYL BUTYLCARBAMATE	55406536	1/1/95
IRON PENTACARBONYL	13463406	1/1/95
ISOBUTYRALDEHYDE	78842	1/1/87
ISODRIN	465736	1/1/95
ISOFENPHOS	25311711	1/1/95
1H-ISOINDOLE-1,3(2H)-DIONE, 3a,4,7,7a-TETRAHYDRO-2-[(TRICHLOROMETHYL)THIO]-	133062	1/1/87
ISOPROPYL ALCOHOL (ONLY PERSONS WHO MANUFACTURE BY THE STRONG ACID PROCESS ARE SUBJECT, SUPPLIER NOTIFICATION NOT REQUIRED)	67630	1/1/87
4,4'-ISOPROPYLIDENEDIPHENOL	80057	1/1/87
ISOSAFROLE	120581	1/1/90
ISOTHIOCYANATOMETHANE	556616	1/1/95
LACTOFEN	77501634	1/1/95
LEAD	7439921	1/1/87
LINDANE	58899	1/1/87
LINURON	330552	1/1/95
LITHIUM CARBONATE	554132	1/1/95
MALATHION	121755	1/1/95
MALEIC ANHYDRIDE	108316	1/1/87
MALONONITRILE	109773	1/1/94
MANEB	12427382	1/1/87
MANGANESE	7439965	1/1/87
MBI	101688	1/1/87
MBOCA	101144	1/1/87
MBT	149304	1/1/86
MCPA	94746	1/1/95
MECOPROP	93652	1/1/86
2-MERCAPTOBENZOTHIAZOLE	149304	1/1/86
MERCURY	7439976	1/1/87
MERPHOS	150505	1/1/86
METHACRYLONITRILE	126987	1/1/94
METHAM SODIUM	137428	1/1/95
4,7-METHANOINDAN, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3a,4,7,7a-HEXAHYDRO-	57749	1/1/87
METHANOL	67561	1/1/87
METHAZOLE	20354261	1/1/95

Chemical Name	CAS Number	Effective date
METHIOCARB	2032657	1/1/96
METHIOCHROMATE DICHLOROTHIOUREA SULFATE	91930	1/1/87
METHOXONE	94746	1/1/96
METHOXONE-SODIUM SALT	3653483	1/1/95
2-(((((4-METHOXY-6-METHYL-1,3,5-TRIAZIN-2-YL)-METHYLAMINO) CARBONYL)AMINO)SULFONYL)-METHYL ESTER	101200480	1/1/95
METHOXYCHLOR	72435	1/1/87
2-METHOXYETHANOL	109864	1/1/87
METHYL ACRYLATE	96333	1/1/87
METHYL BROMIDE	74839	1/1/87
METHYL tert-BUTYL ETHER	1634044	1/1/87
METHYL CHLORIDE	74873	1/1/87
METHYL CHLOROCARBONATE	79221	1/1/94
METHYL CHLOROFORM	71556	1/1/87
6-METHYL-1,3-DITHIOLO(4,5-B)QUINOXALIN-2-ONE	2439012	1/1/96
METHYL ETHYL KETONE	78933	1/1/87
METHYL HYDRAZINE	60344	1/1/87
METHYL IODIDE	74884	1/1/87
METHYL ISOBUTYL KETONE	108101	1/1/87
METHYL ISOCYANATE	624839	1/1/87
METHYL ISOTHIOCYANATE	556616	1/1/95
METHYL MERCAPTAN (REPORT REQUIREMENT STAYED 8/22/94)	74931	1/1/94
METHYL METHACRYLATE	80626	1/1/87
METHYL PARATHION	298000	1/1/95
N-METHYL-2-PYRROLIDONE	872504	1/1/95
2,2'-METHYLENE-(4-BISCHLOROPHENOL)	97234	1/1/95
METHYLENE BROMIDE	74953	1/1/87
METHYLENE CHLORIDE	75092	1/1/87
4,4'-METHYLENEBIS(2-CHLOROANILINE)	101144	1/1/87
4,4'-METHYLENEBIS(N,N-DIMETHYL)BENZENAMINE	101611	1/1/87
4,4'-METHYLENEDIANILINE	101779	1/1/87
2-METHYLLACTONITRILE	75865	1/1/95
N-METHYLOLACRYLAMIDE	924425	1/1/95
2-METHYLPYRIDINE	109068	1/1/94
METHYLTRICHLOROSILANE	75796	1/1/95
METIRAM	9006422	1/1/95
METRIBUZIN	21087649	1/1/95
MEVINPHOS	7786347	1/1/95
MICHLER'S KETONE	90948	1/1/87
MOLINATE	2212671	1/1/95
MOLYBDENUM TRIOXIDE	1313275	1/1/87
(MONO)CHLOROPENTAFLUOROETHANE	76153	7/8/90
MONURON	150685	1/1/95
MUSTARD GAS	505602	1/1/87
MYCLOBUTANIL	88671890	1/1/95
NABAM	142596	1/1/95
NALED	300765	1/1/95
NAPHTHALENE	91203	1/1/87

Chemical Name	CAS Number	Effective date
1-NAPHTHALENOL, METHYLCARBAMATE	63252	1/1/87
alpha-NAPHTHYLAMINE	134327	1/1/87
beta-NAPHTHYLAMINE	91598	1/1/87
NICKEL	7440020	1/1/87
NITRAPYRIN	1929824	1/1/95
NITRIC ACID	7697372	1/1/87
NITRILOTRIACETIC ACID	139139	1/1/87
5-NITRO-o-ANISIDINE	99592	1/1/87
5-NITRO-o-TOLUIDINE	99558	1/1/94
p-NITROANILINE	100016	1/1/95
NITROBENZENE	98953	1/1/87
4-NITROBIPHENYL	92933	1/1/87
4-NITROPHENOL	100027	1/1/87
NITROFEN	1836755	1/1/87
NITROGEN MUSTARD	51752	1/1/87
NITROGLYCERIN	55630	1/1/87
2-NITROPHENOL	88755	1/1/87
2-NITROPROPANE	79469	1/1/87
N-NITROSO-N-ETHYLUREA	759739	1/1/87
N-NITROSO-N-METHYLUREA	684935	1/1/87
N-NITROSODI-N-BUTYLAMINE	924163	1/1/87
N-NITROSODI-N-PROPYLAMINE	621647	1/1/87
N-NITROSODIETHYLAMINE	55185	1/1/87
N-NITROSODIMETHYLAMINE	62759	1/1/87
N-NITROSODIPHENYLAMINE	86306	1/1/87
p-NITROSODIPHENYLAMINE	156105	1/1/87
N-NITROSOMETHYLVINYLAMINE	4549400	1/1/87
N-NITROSOMORPHOLINE	59892	1/1/87
N-NITROSONORNICOTINE	16543558	1/1/87
N-NITROSOPIPERIDINE	100754	1/1/87
NORFLURAZON	27314132	1/1/95
OCTACHLORONAPHTHALENE	2234131	1/1/87
OCTANOIC ACID,2,6-DIBROMO-4-CYANOPHENYL ESTER	1689992	1/1/95
ORYZALIN	19044883	1/1/95
OSMIUM TETROXIDE	20816120	1/1/87
7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ACID,DIPOTASSIUM SALT	2164070	1/1/95
OXYDEMETON METHYL	301122	1/1/95
OXYDIAZON	19666309	1/1/95
OXYFLUORFEN	42874033	1/1/95
OZONE	10028156	1/1/95
PARALDEHYDE	123637	1/1/94
PARAQUAT DICHLORIDE	1910425	1/1/95
PARATHION	56382	1/1/87
PCB	1336363	1/1/87
PCP	87865	1/1/87
PEBULATE	1114712	1/1/95
PENDIMETHALIN	40487421	1/1/95

Chemical Name	CAS Number	Effective date
PENTACHLOROETHANE	76017	1/1/84
PENTACHLORONITROBENZENE	82688	1/1/87
PENTACHLOROPHENOL	87865	1/1/87
PENTOBARBITAL SODIUM	57330	1/1/95
PERACETIC ACID	79210	1/1/87
PERCHLOROETHYLENE	127184	1/1/87
PERCHLOROMETHYL MERCAPTAN	594423	1/1/95
PERMETHRIN	52645531	1/1/86
PHENANTHRENE	85018	1/1/86
PHENOL	108952	1/1/87
PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE	114261	1/1/87
PHENOTHRIN	26002802	1/1/86
2-(4-PHENOXYPHENOXY)ETHYL)CARBAMIC ACID ETHYL ESTER	72490018	1/1/86
1,2-PHENYLENEBIS(IMINOCARBONOTHIOYL))BISCARBAMIC ACID DIETHYL ESTER	23564089	1/1/86
1,2-PHENYLENEDIAMINE	95545	1/1/86
1,3-PHENYLENEDIAMINE	108452	1/1/86
p-PHENYLENEDIAMINE	106503	1/1/87
1,2-PHENYLENEDIAMINE DIHYDROCHLORIDE	615281	1/1/86
1,4-PHENYLENEDIAMINE DIHYDROCHLORIDE	624180	1/1/86
[5-(PHENYLMETHYL)-3-FURANYL]METHYL-2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCLOPROPANECARBOXYLATE]	10453868	1/1/86
2-PHENYLPHENOL	90437	1/1/87
PHENYTOIN	57410	1/1/95
PHOSGENE	75445	1/1/87
PHOSPHINE	7803512	1/1/95
PHOSPHORIC ACID	7664382	1/1/87
PHOSPHORIC ACID, (2,2,2-TRICHLORO-1-HYDROXYETHYL)-DIMETHYL ESTER	52686	1/1/87
PHOSPHORIC ACID, 2,2-DICHLOROETHENYL DIMETHYL ESTER	62737	1/1/87
PHOSPHORIC ACID, 2-CHLORO-1-(2,4,5-TRICHLOROPHENYL) ETHENYL DIMETHYL ESTER	961115	1/1/87
PHOSPHORODITHIOIC ACID O-ETHYL S,S-DIPROPYL ESTER	13194484	1/1/95
PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER	56382	1/1/87
PHOSPHORUS (YELLOW OR WHITE)	7723140	1/1/87
PHTHALIC ANHYDRIDE	85449	1/1/87
PICLORAM	1918021	1/1/95
PICRIC ACID	88891	1/1/87
N,N'-(1,4-PIPERAZINEDIYL-BIS(2,2,2-TRICHLOROETHYLIDENE))BISFORMAMIDE	26644462	1/1/86
PIPERONYL BUTOXIDE	51036	1/1/86
PIRIMIPHOS METHYL	29232937	1/1/86
POLYCHLORINATED BIPHENYLS	1336363	1/1/87
POLYCHLORINATED CAMPHENES	8001352	1/1/87
POTASSIUM BROMATE	7758012	1/1/95
POTASSIUM DIMETHYLDITHIOCARBAMATE	128030	1/1/86
POTASSIUM N-METHYLDITHIOCARBAMATE	137417	1/1/95
PROFENOFOS	41198087	1/1/95
PROMETRYN	7287196	1/1/86
PRONAMIDE	23950585	1/1/94

Chemical Name	CAS Number	Effective date
PROPACHLOR	1918167	1/1/95
PROPANE SULTONE	1120714	1/1/87
PROPANIL	709988	1/1/95
PROPARGITE	2312358	1/1/96
PROPARGYL ALCOHOL	107197	1/1/95
PROPENE	115071	1/1/87
PROPETAMPHOS	31218834	1/1/95
PROPICONAZOLE	60207901	1/1/96
beta-PROPIOLACTONE	57578	1/1/87
PROPIONALDEHYDE	123386	1/1/87
PROPOXUR	114261	1/1/87
PROPYLENE	115071	1/1/87
PROPYLENE OXIDE	75569	1/1/87
PROPYLENEIMINE	75558	1/1/87
PYRIDINE	110861	1/1/87
2,4-(1H,3H)-PYRIMIDINEDIONE, 5-BROMO-6-METHYL-3-(1-METHYLPROPYL),LITHIUM SALT	53404196	1/1/95
QUINOLINE	91225	1/1/87
QUINONE	106514	1/1/87
QUINTOZENE	82688	1/1/87
QUIZALOFOP-ETHYL	76578148	1/1/95
RESMETHRIN	10453868	1/1/95
SACCHARIN (ONLY PERSONS WHO MANUFACTURE ARE SUBJECT, NO SUPPLIER NOTIFICATION)	81072	1/1/87
SAFROLE	94597	1/1/87
SEC-BUTYL ALCOHOL	78922	1/1/87
SELENIUM	7782492	1/1/87
SETHOXYDIM	74051802	1/1/95
SILVER	7440224	1/1/87
SIMAZINE	122349	1/1/95
SISHT	375020	1/1/87
SODIUM AZIDE	26628228	1/1/95
SODIUM DICAMBA	1982690	1/1/95
SODIUM DIMETHYLDITHIOCARBAMATE	128041	1/1/95
SODIUM FLUOROACETATE	62748	1/1/95
SODIUM METHYLDITHIOCARBAMATE	137428	1/1/95
SODIUM NITRITE	7632000	1/1/95
SODIUM O-PHENYLPHENOXIDE	132274	1/1/95
SODIUM PENTACHLOROPHENATE	131522	1/1/95
STYRENE	100425	1/1/87
STYRENE OXIDE	96093	1/1/87
SULFURIC ACID (ACID AEROSOLS INCLUDING MIST, VAPORS, GAS, FOG, AND OTHER AIRBORNE FORMS OF ANY PARTICLE SIZE)	7664939	1/1/87
SULFURYL FLUORIDE	2699798	1/1/95
SULPROFOS	35400432	1/1/95
TEBUTHIURON	34014181	1/1/95
TEMEPHOS	3383968	1/1/95
TERBACIL	5902512	1/1/95
TERT-BUTYL ALCOHOL	75650	1/1/87

Chemical Name	CAS Number	Effective date
1,1,1,2-TETRACHLOROETHANE	630206	1/1/87
1,1,2,2-TETRACHLOROETHANE	79345	1/1/87
TETRACHLOROETHYLENE	127184	1/1/87
1,1,1,2-TETRACHLORO-2-FLUOROETHANE	354110	1/1/95
1,1,2,2-TETRACHLORO-1-FLUOROETHANE	354143	1/1/95
TETRACHLORVINPHOS	961115	1/1/87
TETRACYCLINE HYDROCHLORIDE	64755	1/1/95
TETRAHYDRO-3,5-DIMETHYL-2H-1,3,5-THIADIAZINE-2-THIONE	533744	1/1/95
TETRAHYDRO-3,5-DIMETHYL-2H-1,3,5-THIADIAZINE-2-THIONE,ION(1-), SODIUM	53404607	1/1/95
TETRAHYDRO-5,5-DIMETHYL-2(1H)-PYRIMIDINONE[3-[4-(TRIFLUOMETHYL)PHENYL]-1-[2-[4-(TRIFLUOROMETHYL)PHENYL]ETHENYL]-2-PROPENYLIDENE]HYDRAZONE	67485294	1/1/95
TETRAMETHRIN	7696120	1/1/95
2,2,3,3-TETRAMETHYLCYCLOPROPANE CARBOXYLIC ACID CYANO(3-PHENOXYPHENYL)METHYL ESTER	39515418	1/1/95
THALLIUM	7440280	1/1/87
THIABENDAZOLE	148798	1/1/95
2-(4-THIAZOLYL)-1H-BENZIMIDAZOLE	148798	1/1/95
THIOACETAMIDE	62555	1/1/87
THIOBENCARB	28249776	1/1/95
4,4'-THIODIANILINE	139651	1/1/87
THIODICARB	59669260	1/1/95
THIOPHANATE ETHYL	23564069	1/1/95
THIOPHANATE METHYL	23564058	1/1/95
THIOSEMICARBAZIDE	79196	1/1/95
THIOUREA	62566	1/1/87
THIRAM	137268	1/1/94
THORIUM DIOXIDE	1314201	1/1/87
TITANIUM TETRACHLORIDE	7550450	1/1/87
o-TOLIDINE	119937	1/1/87
o-TOLIDINE DIHYDROCHLORIDE	612828	1/1/95
o-TOLIDINE DIHYDROFLUORIDE	41766750	1/1/95
TOLUENE	108883	1/1/87
TOLUENE DIISOCYANATE (MIXED ISOMERS)	26471625	1/1/90
TOLUENE-2,6-DIISOCYANATE	91087	1/1/87
o-TOLUIDINE	95534	1/1/87
o-TOLUIDINE HYDROCHLORIDE	636215	1/1/87
TOXAPHENE	8001352	1/1/87
TRIADIMEFON	43121433	1/1/95
TRIALLATE	2303175	1/1/95
TRIAZIQUONE	68768	1/1/87
TRIBENURON METHYL	101200480	1/1/95
TRIBROMOMETHANE	75252	1/1/87
TRIBUTYLTIN FLUORIDE	1983104	1/1/95
TRIBUTYLTIN METHACRYLATE	2155706	1/1/95
S,S,S-TRIBUTYLTRITHIOPHOSPHATE	78488	1/1/95
TRICHLORFON	52686	1/1/87
TRICHLOROACETYL CHLORIDE	76028	1/1/95

Chemical Name	CAS Number	Effective date
1,2,4-TRICHLOROBENZENE	120821	1/1/87
1,1,1-TRICHLOROETHANE	71556	1/1/87
1,1,2-TRICHLOROETHANE	79005	1/1/87
TRICHLOROETHYLENE	79016	1/1/87
TRICHLOROFLUOROMETHANE	75694	7/8/90
2,4,5-TRICHLOROPHENOL	95954	1/1/87
2,4,6-TRICHLOROPHENOL	88062	1/1/87
1,2,3-TRICHLOROPROPANE	96184	1/1/95
TRICLOPYR, TRIETHYLAMMONIUM SALT	57213691	1/1/95
TRIETHYLAMINE	121448	1/1/95
2-{4-[[5-(TRIFLUOROMETHYL)-2-PYRIDINYL]OXY]-PHENOXY}PROPANOIC ACID, BUTYL ESTER	69806504	1/1/96
TRIFLURALIN	1582098	1/1/87
TRIFORINE	26644462	1/1/95
TRIMETHYLCHLOROSILANE	75774	1/1/95
1,2,4-TRIMETHYLBENZENE	95636	1/1/87
2,3,5-TRIMETHYLPHENYL METHYLCARBAMATE	2655154	1/1/95
TRIPHENYLTIN CHLORIDE	639587	1/1/95
TRIPHENYLTIN HYDROXIDE	76879	1/1/95
TRIS(2,3-DIBROMOPROPYL) PHOSPHATE	126727	1/1/87
TRIS(DIMETHYLCARBAMO-DITHIOATO-S,S')IRON	14484641	1/1/95
TRYPAN BLUE	72571	1/1/94
UREA, N,N-DIMETHYL-N'-[3-(TRIFLUOROMETHYL)PHENYL]-	2164172	1/1/87
URETHANE	51796	1/1/87
VANADIUM (FUME OR DUST)	7440622	1/1/87
VIKANE	2699798	1/1/95
VINCLOZOLIN	50471448	1/1/95
VINYL ACETATE	108054	1/1/87
VINYL CHLORIDE	75014	1/1/87
VINYLIDENE CHLORIDE	75354	1/1/87
m-XYLENE	108383	1/1/87
o-XYLENE	95476	1/1/87
p-XYLENE	106423	1/1/87
XYLENE (MIXED ISOMERS)	1330207	1/1/87
2,6-XYLIDINE	87627	1/1/87
ZINC (FUME OR DUST)	7440666	1/1/87
ZINEB	12122677	1/1/87
[3-[2,4-DICHLORO-5-(1-METHYLETHOXY)PHENYL]-5-(1,1-DIMETHYLETHYL)-1,2,3-OXADIAZOL-2(3H)-ONE	19666309	1/1/95
d-trans-ALLETHRIN	28057489	1/1/95

EXTREMELY HAZARDOUS SUBSTANCES (EHS)
AND THEIR THRESHOLD PLANNING QUANTITIES LIST

All quantities are in pounds

CAS#	CHEMICAL NAME	RQ	TPQ
75865	Acetone Cyanohydrin	10	1000
1752303	Acetone Thiosemicarbazide	1000	1000/10000
107028	Acrolein	1	500
79061	Acrylamide	5000	1000/10000
107131	Acrylonitrile	100	10000
814686	Acrylyl Chloride	100	100
111693	Adiponitrile	1000	1000
116063	Aldicarb	1	100/10000
309002	Aldrin	1	500/10000
107186	Allyl Alcohol	100	1000
107119	Allylamine	500	500
20859738	Aluminum Phosphide	100	500
54626	Aminopterin	500	500/10000
78536	Amiton	500	500
3734972	Amiton Oxalate	100	100/10000
7664417	Ammonia (anhydrous)	100	500
300629	Amphetamine	1000	1000
62533	Aniline	5000	1000
88051	Aniline,2,4,6-Trimethyl	500	500
7783702	Antimony Pentafluoride	500	500
1397940	Antimycin A	1000	1000/10000
86884	ANTU	100	500/10000
1303282	Arsenic Pentoxide	1	100/10000
1327533	Arsenous Oxide	1	100/10000
7784341	Arsenous Trichloride	1	500
7784421	Arsine	100	100
2642719	Azinphos-Ethyl	100	100/10000
86500	Azinphos-Methyl	1	10/10000
98873	Benzal Chloride	5000	500
98168	Benzenamine, 3-(Trifluoromethyl)-	500	500
100141	Benzene,1-(Chloromethyl)-4-Nitro	500	500/10000
98056	Benzenearsonic Acid	10	10/10000
3615212	Benzimidazole,4,5-Dichloro-2-(Trifluoromethyl)-	500	500/10000
98077	Benzotrichloride	10	100
100447	Benzyl Chloride	100	500
140294	Benzyl Cyanide	500	500
15271417	Bicyclo(2.2.1)Heptane-2-Carbonitrile, 5-Chloro-6-((((Methylamino)Carbonyl)Oxy)Imino)-, (1s-(1-alpha, 2-beta,4-alpha, 5-alpha,6E))-	500	500/10000
534076	Bis(Chloromethyl) Ketone	10	10/10000
4044658	Bitoscanate	500	500/10000
10294345	Boron Trichloride	500	500
7637072	Boron Trifluoride	500	500
353424	Boron Trifluoride Compound with Methyl Ether (1:1)	1000	1000
28772567	Bromadiolone	100	100/10000
7726956	Bromine	500	500
1306190	Cadmium Oxide	100	100/10000
2223930	Cadmium Stearate	1000	1000/10000
7778441	Calcium Arsenate	1	500/10000
8001352	Camphechlor	1	500/10000
56257	Cantharidin	100	100/10000
51832	Carbachol Chloride	500	500/10000
26419736	Carbamic Acid, Methyl-,O-((2,4-Dimethyl-1,3-Dithiolan-2y)(Methylene)Amino)-	1	100/10000
1563662	Carbofuran	10	10/10000
75150	Carbon Disulfide	100	10000
786196	Carbophenothion	500	500
57749	Chlordane	1	1000
470906	Chlorfenvinfos	500	500
7782505	Chlorine (gas)	10	100
24934916	Chlormephos	500	500
999815	Chlormequat Chloride	100	100/10000
79118	Chloroacetic Acid	100	100/10000
107073	Chloroethanol	500	500
627113	Chloroethyl Chloroformate	1000	1000
67663	Chloroform	10	10000
542881	Chloromethyl Ether	10	100
107302	Chloromethyl Methyl Ether	10	100
3691358	Chlorophacinone	100	100/10000
1982474	Chloroxuron	500	500/10000
21923239	Chlorthiophos	500	500
10025737	Chromic Chloride	1	1/10000
62207765	Cobalt, [(2,2'-(1,2-Ethanediylbis(Nitrilomethylidyne))Bis(5-Fluoro-phenolato))(2-)-N,N',O,O']-	100	100/10000
10210681	Cobalt Carbonyl	10	10/10000
64868	Colchicine	10	10/10000
56724	Coumaphos	10	100/10000
5836293	Coumatetralyl	500	500/10000
95487	Cresol,o-(Cresylic Acid)	100	1000/10000
535897	Crimidine	100	100/10000
4170303	Crotonaldehyde	100	1000
123739	Crotonaldehyde, (E)-	100	1000
506683	Cyanogen Bromide	1000	500/10000
506786	Cyanogen Iodide	1000	1000/10000
2636262	Cyanophos	1000	1000
675149	Cyanuric Fluoride	100	100
66819	Cycloheximide	100	100/10000
108918	Cyclohexylamine	10000	10000
17702419	Decaborane(14)	500	500/10000
8065483	Demeton	500	500
919856	Demeton-S-Methyl	500	500
10311849	Dialifor	100	100/10000
19287457	Diborane	100	100
111444	Dichloroethyl Ether	10	10000
149746	Dichloromethylphenylsilane	1000	1000
62737	Dichlorvos	10	1000
141662	Dicrotophos	100	100
1464536	Diepoxybutane	10	500
814493	Diethyl Chlorophosphate	500	500
71636	Digitoxin	100	100/10000
2238075	Diglycidyl Ether	1000	1000
20830755	Digoxin	10	10/10000
115264	Dimefox	500	500
60515	Dimethoate	10	500/10000
2524030	Dimethyl Phosphorochloridothioate	500	500
77781	Dimethyl Sulfate	100	500
75786	Dimethylchlorosilane	500	500
57147	Dimethylhydrazine	10	1000
99098	Dimethyl-p-Phenylenediamine	10	10/10000
644644	Dimetilan	1	500/10000
534521	Dinitrocresol	10	10/10000
88857	Dinoseb	1000	100/10000
1420071	Dinoterb	500	500/10000
78342	Dioxathion	500	500
82666	Diphacinone	10	10/10000
152169	Diphosphoramide, Octamethyl-	100	100
298044	Disulfoton	1	500
514736	Dithiazanine Iodide	500	500/10000
541537	Dithiobiuret	100	100/10000
316427	Emetine, Dihydrochloride	1	1/10000
115297	Endosulfan	1	10/10000
2778043	Endothion	500	500/10000
72208	Endrin	1	500/10000
106898	Epichlorohydrin	100	1000

ATTACHMENT 6

AND THEIR THRESHOLD PLANNING QUANTITIES LIST

All quantities are in pounds

CAS#	CHEMICAL NAME	RQ	TPQ
2104646	EPN	100	100/10000
50146	Ergocalciferol	1000	1000/10000
379793	Ergotamine Tartrate	500	500/10000
1622328	Ethanesulfonyl Chloride, 2-Chloro-	500	500
10140871	Ethanol, 1,2-Dichloro-,Acetate	1000	1000
563122	Ethion	10	1000
13194484	Ethoprophos	1000	1000
538078	Ethylbis(2-Chloroethyl) Amine	500	500
371620	Ethylene Fluorohydrin	10	10
75218	Ethylene Oxide	10	1000
107153	Ethylenediamine	5000	10000
151564	Ethylenimine	1	500
542905	Ethylthiocyanate	10000	10000
22224926	Fenamiphos	10	10/10000
115902	Fensulfothion	500	500
4301502	Fluenetil	100	100/10000
7782414	Fluorine	10	500
640197	Fluoroacetamide	100	100/10000
144490	Fluoroacetic Acid	10	10/10000
359068	Fluoroacetyl Chloride	10	10
51218	Fluorouracil	500	500/10000
944229	Fonofos	500	500
50000	Formaldehyde	100	500
107164	Formaldehyde Cyanohydrin	1000	1000
23422539	Formetanate Hydrochloride	1	500/10000
2540821	Formothion	100	100
17702577	Formparanate	1	100/10000
21548323	Fosthietan	500	500
3878191	Fuberidazole	100	100/10000
110009	Furan	100	500
13450903	Gallium Trichloride	500	500/10000
77474	Hexachlorocyclopentadiene	10	100
4835114	Hexamethylenediamine, N,N'-Dibutyl-	500	500
302012	Hydrazine	1	1000
74908	Hydrocyanic Acid	10	100
7647010	Hydrogen Chloride (gas only)	5000	500
7664393	Hydrogen Fluoride	100	100
7722841	Hydrogen Peroxide (Conc>52%)	1000	1000
7783075	Hydrogen Selenide	10	10
7783064	Hydrogen Sulfide	100	500
123319	Hydroquinone	100	500/10000
13463406	Iron, Pentacarbonyl-	100	100
297789	Isobenzan	100	100/10000
78820	Isobutyronitrile	1000	1000
102363	Isocyanic Acid, 3,4-Dichlorophenyl Ester	500	500/10000
465736	Isodrin	1	100/10000
55914	Isofluorphate	100	100
4098719	Isophorone Diisocyanate	100	100
108236	Isopropyl Chloroformate	1000	1000
119380	Isopropylmethylpyrazolyl Dimethylcarbamate	1	500
78977	Lactonitrile	1000	1000
21609905	Leptophos	500	500/10000
541253	Lewisite	10	10
58899	Lindane	1	1000/10000
7580678	Lithium Hydride	100	100
109773	Malononitrile	1000	500/10000
12108133	Manganese, Tricarbonyl Methylcyclopentadienyl	100	100
51752	Mechlorethamine	10	10
950107	Mephosfolan	500	500

CAS#	CHEMICAL NAME	RQ	TPQ
1600277	Mercuric Acetate	500	500/10000
7487947	Mercuric Chloride	500	500/10000
21908532	Mercuric Oxide	500	500/10000
10476958	Methacrolein Diacetate	1000	1000
760930	Methacrylic Anhydride	500	500
126987	Methacrylonitrile	1000	500
920467	Methacryloyl Chloride	100	100
30674807	Methacryloyloxyethyl Isocyanate	100	100
10265926	Methamidophos	100	100/10000
558258	Methanesulfonyl Fluoride	1000	1000
950378	Methidathion	500	500/10000
2032657	Methiocarb	10	500/10000
16752775	Methomyl	100	500/10000
151382	Methoxyethylmercuric Acetate	500	500/10000
80637	Methyl 2-Chloroacrylate	500	500
74839	Methyl Bromide	1000	1000
79221	Methyl Chloroformate	1000	500
60344	Methyl Hydrazine	10	500
624839	Methyl Isocyanate	10	500
556616	Methyl Isothiocyanate	500	500
74931	Methyl Mercaptan	100	500
3735237	Methyl Phenkapton	500	500
676971	Methyl Phosphonic Dichloride	100	100
556649	Methyl Thiocyanate	10000	10000
78944	Methyl Vinyl Ketone	10	10
502396	Methylmercuric Dicyanamide	500	500/10000
75796	Methyltrichlorosilane	500	500
1129415	Metolcarb	1	100/10000
7786347	Mevinphos	10	500
315184	Mexacarbate	1000	500/10000
50077	Mitomycin C	10	500/10000
6923224	Monocrotophos	10	10/10000
2763964	Muscimol	1000	500/10000
505602	Mustard Gas	500	500
13463393	Nickel Carbonyl	10	1
54115	Nicotine	100	100
65305	Nicotine Sulfate	100	100/10000
7697372	Nitric Acid	1000	1000
10102439	Nitric Oxide	10	100
98953	Nitrobenzene	1000	10000
1122607	Nitrocyclohexane	500	500
10102440	Nitrogen Dioxide	10	100
62759	Nitrosodimethylamine	10	1000
991424	Norbormide	100	100/10000
0	Organorhodium Complex (PMN-82-147)	10	10/10000
630604	Ouabain	100	100/10000
23135220	Oxamyl	1	100/10000
78717	Oxetane, 3, 3-Bis (Chloromethyl)-	500	500
2497076	Oxydisulfoton	500	500
10028156	Ozone	100	100
1910425	Paraquat Dichloride	10	10/10000
2074502	Paraquat Methosulfate	10	10/10000
56382	Parathion	10	100
298000	Parathion-Methyl	100	100/10000
12002038	Paris Green	1	500/10000
19624227	Pentaborane	500	500
2570265	Pentadecylamine	100	100/10000
79210	Peracetic Acid	500	500
594423	Perchloromethylmercaptan	100	500
108952	Phenol	1000	500/10000
4418660	Phenol, 2, 2'-Thiobis (4-Chloro-6-Methyl)-	100	100/10000

EXTREMELY HAZARDOUS SUBSTANCES (EHS) AND THEIR THRESHOLD PLANNING QUANTITIES LIST

All quantities are in pounds

CAS#	CHEMICAL NAME	RQ	TPQ
64006	Phenol, 3-(1-Methylethyl)-, Methylcarbamate	1	500/10000
58366	Phenoxarsine, 10, 10'-Oxydi-	500	500/10000
696286	Phenyl Dichlorarsine	1	500
59881	Phenylhydrazine Hydrochloride	1000	1000/10000
62384	Phenylmercury Acetate	100	500/10000
2097190	Phenylsilatrane	100	100/10000
103855	Phenylthiourea	100	100/10000
298022	Phorate	10	10
4104147	Phosacetim	100	100/10000
947024	Phosfolan	100	100/10000
75445	Phosgene	10	10
732116	Phosmet	10	10/10000
13171216	Phosphamidon	100	100
7803512	Phosphine	100	500
2703131	Phosphonothioic Acid, Methyl-, O-Ethyl O-(4-(Methylthio)Phenyl) Ester	500	500
50782699	Phosphonothioic Acid, Methyl-, S-(2-(Bis(1-Methylethyl)Amino) Ethyl O-Ethyl Ester	100	100
2665307	Phosphonothioic Acid, Methyl-, O-(4-Nitrophenyl) O-Phenyl Ester	500	500
3254635	Phosphoric Acid, Dimethyl 4-(Methylthio) Phenyl Ester	500	500
2587908	Phosphorothioic Acid, O, O-Dimethyl-S-(2-Methylthio) Ethyl Ester	500	500
7723140	Phosphorus	1	100
10025873	Phosphorus Oxychloride	1000	500
10026138	Phosphorus pentachloride	500	500
7719122	Phosphorus Trichloride	1000	1000
57476	Physostigmine	1	100/10000
57647	Physostigmine,Salicylate(1:1)	1	100/10000
124878	Picrotoxin	500	500/10000
110894	Piperidine	1000	1000
23505411	Pirimfos-Ethyl	1000	1000
10124502	Potassium Arsenite	1	500/10000
151508	Potassium Cyanide	10	100
506616	Potassium Silver Cyanide	1	500
2631370	Promecarb	1	500/10000
106967	Propargyl Bromide	10	10
57578	Propiolactone, Beta-	10	500
107120	Propionitrile	10	500
542767	Propionitrile, 3-Chloro-	1000	1000
70699	Propiophenone, 4-Amino-	100	100/10000
109615	Propyl Chloroformate	500	500
75569	Propylene Oxide	100	10000
75558	Propyleneimine	1	10000
2275185	Prothoate	100	100/10000
129000	Pyrene	5000	1000/10000
140761	Pyridine, 2-Methyl-5-Vinyl-	500	500
504245	Pyridine, 4-Amino-	1000	500/10000
1124330	Pyridine, 4-Nitro-, 1-Oxide	500	500/10000
53558251	Pyriminil	100	100/10000
14167181	Saicomine	500	500/10000
107448	Sarin	10	10
7783008	Selenious Acid	10	1000/10000
7791233	Selenium Oxychloride	500	500
563417	Semicarbazide Hydrochloride	1000	1000/10000
3037727	Silane, (4-Aminobutyl) Diethoxymethyl-	1000	1000
7631892	Sodium Arsenate	1	1000/10000
7784465	Sodium Arsenite	1	500/10000
26628228	Sodium Azide (Na(N3))	1000	500
124652	Sodium Cacodylate	100	100/10000
143339	Sodium Cyanide (Na(CN))	10	100
62748	Sodium Fluoroacetate	10	10/10000
13410010	Sodium Selenate	100	100/10000
10102188	Sodium Selenite	100	100/10000
10102202	Sodium Tellurite	500	500/10000
900958	Stannane, Acetoxytriphenyl-	500	500/10000
57249	Strychnine	10	100/10000
60413	Strychnine, Sulfate	10	100/10000
3689245	Sulfotep	100	500
3569571	Sulfoxide, 3-Chloropropyl Octyl	500	500
7446095	Sulfur Dioxide	500	500
7783600	Sulfur Tetrafluoride	100	100
7446119	Sulfur Trioxide	100	100
7664939	Sulfuric Acid	1000	1000
77816	Tabun	10	10
7783804	Tellurium Hexafluoride	100	100
107493	TEPP	10	100
13071799	Terbufos	100	100
78002	Tetraethyllead	10	100
597648	Tetraethyltin	100	100
75741	Tetramethyllead	100	100
509148	Tetranitromethane	10	500
10031591	Thallium Sulfate	100	100/10000
6533739	Thallous Carbonate	100	100/10000
7791120	Thallous Chloride	100	100/10000
2757188	Thallous Malonate	100	100/10000
7446186	Thallous Sulfate	100	100/10000
2231574	Thiocarbazide	1000	1000/10000
39196184	Thiofanox	100	100/10000
297972	Thionazin	100	500
108985	Thiophenol	100	500
79196	Thiosemicarbazide	100	100/10000
5344821	Thiourea, (2-Chlorophenyl)-	100	100/10000
614786	Thiourea, (2-Methylphenyl)-	500	500/10000
7550450	Titanium Tetrachloride	1000	100
584849	Toluene 2,4-Diisocyanate	100	500
91087	Toluene 2,6-Diisocyanate	100	100
110576	Trans-1,4-Dichlorobutene	500	500
1031476	Triamiphos	500	500/10000
24017478	Triazofos	500	500
76028	Trichloroacetyl Chloride	500	500
115219	Trichloroethylsilane	500	500
327980	Trichloronate	500	500
98136	Trichlorophenylsilane	500	500
1558254	Trichloro(Chloromethyl) Silane	100	100
27137856	Trichloro(Dichlorophenyl) Silane	500	500
996301	Triethoxysilane	500	500
75774	Trimethylchlorosilane	1000	1000
824113	Trimethylolpropane Phosphite	100	100/10000
1066451	Trimethyltin Chloride	500	500/10000
639587	Triphenyltin Chloride	500	500/10000
555771	Tris(2-Chloroethyl)Amine	100	100
2001958	Valinomycin	1000	1000/10000
1314621	Vanadium Pentoxide	1000	100/10000
108054	Vinyl Acetate Monomer	5000	1000
81812	Warfarin	100	500/10000
129066	Warfarin Sodium	100	100/10000
28347139	Xylylene Dichloride	100	100/10000
58270089	Zinc, Dichloro(4,4-Dimethyl-5(((((Methylamino)Carbonyl)-Oxy)Imino)Pentanenitrile)-,(T-4)-	100	100/10000
1314847	Zinc Phosphide	100	500

Attachment 7

Sample

WRITTEN HAZARD COMMUNICATION PROGRAM

(This is an example only. Departments should develop their own program(s) specifically tailored to their operation(s) and needs.)

Introduction:

The_____ Department has developed a Hazard Communication Program to enhance our employees' health and safety.

We intend to provide information about chemical hazards and other hazardous substances, and the control of hazards via our comprehensive Hazard Communication Program which includes container labeling, Material Safety Data Sheets (MSDS) and training.

The following program outlines how we will accomplish this objective.

Container Labeling:

It is the policy of the _____ Department that no container of hazardous substances will be released for use until the following label information is verified:

- Containers are clearly labeled as to the contents.
- Appropriate hazard warnings are noted.
- The name and address of the manufacturer are listed.

To further ensure that employees are aware of the hazards of the materials used in their work areas, it is our policy to label all secondary containers.

The supervisor in each section will ensure that all secondary containers are labeled with either an extra copy of the original manufacturer's label or with generic labels which have a block for identity and blocks for the hazard warnings.

Material Safety Data Sheets (MSDS):

Copies of MSDS's for all hazardous substances to which employees of this department may be exposed are kept in the immediate work area.. _____(Person/Title) is responsible for obtaining and maintaining the data sheet system for the department.

Supervisors will review incoming data sheets for new and significant health/safety information. He/She will see that any new information is given to effected employees.

MSDS's will be reviewed for completeness by the supervisor. If an MSDS is missing or obviously incomplete, a new MSDS will be requested from the manufacturer. The Risk Management Division will be notified if a complete MSDS is not received.

MSDS's are available to all employees in their work area for review during each work shift. If MSDS's are not available, please contact _____(Person/Title) immediately.

Employee Information and Training:

Prior to starting work involving hazardous chemicals, employees will be trained by their supervisor on the following:

- An overview of the requirements contained in the Hazard Communication Standard, including their rights under the Standard.
- Inform employees of any operations in their work area where hazardous substances are present.
- Location and availability of the written Hazard Communication Program.
- Physical and health effects of the hazardous substances.
- Methods and observation techniques used to determine the presence or release of hazardous substances in the work areas.
- How to lessen or prevent exposure to these hazardous substances through use of engineering controls, work practices, and/or the use of personal protective equipment.
- Steps the department has taken to prevent exposure to these substances.
- Emergency and first aid procedures to follow if employees are exposed to hazardous substance(s).
- How to read labels and review MSDS to obtain appropriate hazard information.

Note: It is critically important that all of our employees understand the training. If you have any additional questions, please contact the supervisor.

When new hazardous substances are introduced your supervisor will review the above items as they are related to the new material in your work area safety meeting.

List of Hazardous Substances:

The following is a list of all known hazardous substances present in the work area. Specific information on each noted hazardous substance(s) can be obtained by reviewing the Material Safety Data Sheets.

(Example List)

Hazardous Substances	Work Area or Process
Acetone	Welding - Metal Cleaner
Creosol	Ties - Wood Preservative

Hazardous Non-Routine Tasks:

Periodically, employees are required to perform hazardous, non-routine tasks. Prior to starting work on such projects, employees will be given information by their supervisor about hazards to which they may be exposed during such an activity.

This information will include:

- Specific Hazards.
- Protective/safety measures which must be utilized.
- Measures the Department has taken to lessen the hazards including ventilation, respirators, presence of another employee and emergency procedures.

Examples of non-routine tasks performed by employees of this company:

Task	Hazardous Substances
Cleaning sewage lines	Sodium Hydroxide

Hazardous Substances in Unlabeled Pipes or Containers:

The following policy has been established to ensure that our employees who work on unlabeled pipes or containers have been informed about the hazardous substances contained within them:

Prior to starting work on unlabeled pipes or containers, our employees are to contact the supervisor for the following information:

- The hazardous substances in the pipe or container.
- The potential hazards.
- Safety precautions which shall be taken.

Informing Other Departments and Contractors:

We must ensure that other departments and contractors work safely at our work site. It is the responsibility of _____(Person/Title) to provide other departments and contractors the following information.

- Hazardous substances to which they may be exposed while on the job site.
- Precautions the employee may take to lessen the possibility of exposure by usage of appropriate protective measures.

If anyone has questions about this plan contact your supervisor. Our plan will be monitored to ensure that the policies are carried and the plan is effective.

_____
(Department Head's Signature)

Attachment 1: HAZCOM TRAINING ROSTER

HAZCOM TRAINING ROSTER

DEPARTMENT

DIVISION

Activity Code

Date ____/____/____ **DESTROY after Five (5) Years**____/____/____

SUBJECT: Hazard Communication for the following CHEMICALS:

_____

_____

_____

INSTRUCTOR (s)

_____ _____
Printed Name Signature

_____ _____
Printed Name Signature

Printed Name	Social Security Number	Signature
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		