

EAGLE



Protecting People, Property and the Planet.

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C.L.A.W.S.

Regulatory Compliance Guide Facility Survey

Containment
Liquid Handling
Assessment
Waste Management
Safety Storage

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Program Summary

EAGLE'S CLAWS Program is designed as a compliance evaluation system utilized to promote employee and public safety, property protection and environmental conservation by specifying approved products that meet specific federal regulations concerning Containment, Liquid Handling, Waste Management, and Safety Storage of Hazardous Materials.

REGULATORY AGENCIES



U.S. Department of Labor Occupational Safety & Health Administration

The Occupational Safety and Health Administration (OSHA), established under the Department of Labor by the OSHA Act of 1970, regulates the storage and use of toxic and hazardous substances as they relate to worker health and safety. OSHA regulations are found in Title 29 of the Code of Federal Regulations, Part 1910, Subpart H.

The OSHA Act requires employers to comply with OSHA standards and regulations and to protect employees from recognized hazards in the workplace. OSHA enforces its rules and regulations by inspecting the workplaces of employers. When violations are discovered during inspections, OSHA issues citations and proposes monetary penalties. OSHA encourages companies to participate in Voluntary Protection Programs. Employers who participate in these Voluntary Compliance Programs develop a new relationship with OSHA and are not subject to programmed inspections; however, compliance remains mandatory.

OSHA: (202) 219-8271
<http://www.osha.gov>



The Environmental Protection Agency (EPA) addresses through the Resource Conservation and Recovery Act (RCRA), the need for facilities with hazardous waste substances to store containers in some kind of containment system. Stationary containers, such as tanks, as well as portable storage containers, such as 55 gallon drums, are required to have a system that will protect the environment from this waste if a leak were to occur. Hazardous waste regulations appear in Title 40 of the Code of Federal Regulations.

Portable container containment is addressed under Subpart I, Use and Management of

Containers (EPA 40 CFR 264.175). Facilities dealing with the storage of hazardous materials may also be required to have containment if they are to meet the Uniform Fire Code (UFC) standards. Within the UFC standards, Section 80, Division III refers to Hazardous Materials Storage Requirements pertaining to containers and tanks and Division IV refers to Spill Control, Drainage Control and Secondary Containment with regard to hazardous materials.

EPA: (800) 621-3431
<http://www.epa.gov>



Under authority of the Clean Water Act, EPA published its Oil Pollution Prevention Rule (40 CFR 112) that took effect originally on January 10, 1974. The rule was revised and strengthened on July 17, 2002. Facilities subject to the Rule must prepare and implement a plan to prevent any discharge of oil into or upon navigable waters of the U.S. (including groundwater) or adjoining shorelines. This written plan is called an SPCC Plan.

The SPCC Plan must address: (a) operating procedures the facility implements to prevent oil spills; (b) control measures installed to prevent oil from entering navigable water; (c) countermeasures to contain, clean up and mitigate the effects of oil spills.



U.S. Department of Transportation

The U.S. Department of Transportation (DOT) serves as the focal point in the Federal Government for the coordinated National Transportation Policy. The DOT has authority over the shipping and transporting of hazardous materials, including packaging and labeling. The DOT regulations can be found in the Code of Federal Regulations under Title 49 and are based largely upon the recommendations as per the United Nations (UN).



National Fire Protection Association

Since 1896, the National Fire Protection Association (NFPA) has been the most recognized non-profit organization in the world dedicated to the protection of human life and property from the hazards of fire.

NFPA: (800) 344-3555
www.nfpa.org

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Compliance Evaluation

Conducted for _____

Facility Location _____

Date _____

Conducted By _____

Personnel Present _____

Notes _____

Do you have damaged or leaking drums of liquid waste materials?

Yes

No

Code(s)	Recommendations
<p>✓ DOT 49 CFR 173.3: (c) Salvage Drums. Packages of hazardous materials that are damaged or found leaking and hazardous materials that have been spilled or leaked may be placed in a removable head salvage drum that is compatible with the lading and shipped for repackaging or disposal under the following conditions. (Meet 3 psi test)</p>	<p>Eagle Salvage Drums</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Model 1602</p> </div> <div style="text-align: center;">  <p>Model 1695</p> </div> </div>
<p>✓ DOT 49 CFR 173.25: Authorized Packages & Overpacks (a) Authorized packages containing hazardous materials may be offered for transportation in an overpack as defined in 171.8 of this subchapter, if all of the conditions of this section are met.</p>	<p>Eagle Overpack Drums</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Model 1690</p> </div> <div style="text-align: center;">  <p>Model 1650</p> </div> </div>

Do you have secondary containment to protect against leakage or spills of hazardous liquid waste?

Yes

No

Code(s)	Recommendations
<p>✓ EPA 40 CFR 264.175: Containment. (a) Container storage areas must have a containment system that is designed and operated in accordance with paragraph (b) of this section (b) A containment system must be designed and operated as follows: (3) The containment system must have sufficient capacity to contain 10% of the volume of containers or the volume of the largest container, whichever is greater. Containers that do not contain free liquids need not be considered in this determination.</p>	<p>Eagle Spill Containment Pallets, Platforms & Work Stations</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="text-align: center;">  <p>4 Drum Pallet Model 1645</p> </div> <div style="text-align: center;">  <p>6 Drum Platform Model 1686</p> </div> <div style="text-align: center;">  <p>8 Drum Platform Model 1688</p> </div> <div style="text-align: center;">  <p>2 Drum Work Station Model 1626</p> </div> </div>
<p>Do you have a secure waste collection or dispensing center? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	

Containment of hazardous materials is required for the protection of the environment from contamination as well as for the protection of employees who work in areas where hazardous materials are stored and used.



This marker indicates compliance with EPA Spill Prevention, Control and Countermeasures regulations.

Do you have a single-drum mobile pumping station, waste collection station or drum storage building?

Yes

No

Code(s)

✓ **OSHA 29 CFR 1910.106 (e)(2)(iii): Separation and protection.** Areas in which flammable or combustible liquids are transferred from one tank or container to another container shall be separated from other operations in the building by adequate distance or by construction having adequate fire resistance. Drainage or other means shall be provided to control spills.

Do you have drip pans under all drum faucets or leaks? Yes No

Do you have large diameter funnels to transfer liquids into drums? Yes No

Do you have drum covers or outside storage building to protect the integrity of drums stored outside as per 40 CFR 265.173? Yes No

Recommendations

Eagle Single Drum Containment Unit, Drum Funnel, Drip Pan & 4-Drum Building



Model 1612 w/1660 funnel



Model 1620



Model 1646RTC



Drip Pan Model 1670

Do you have an area where hazardous materials are dispensed into containers?

Yes

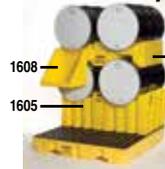
No

Code(s)

✓ **Uniform Fire Code - Division IV, Section 80.402 (b)(2)(F). Dispensing and Use - Spill Control, Drainage Control and Secondary Containment.** "Rooms or areas where hazardous material liquids are dispensed into containers exceeding a 1-gallon capacity or used in open containers or systems exceeding a 5-gallon capacity shall be provided with a means to control spills. Secondary containment shall be provided when the capacity of an individual container exceeds 55 gallons or the aggregate capacity of multiple containers exceeds 100 gallons."

Recommendations

Eagle Stackers, IBC Containment & Spill Pallets



1608
1605

Stacker



Model 1680



Model 1645

Do you have approved safety containers for the safe use and temporary storage of flammable liquids?

Yes No

General Industry Code(s)

✓ OSHA 29 CFR 1910.106 (a)(29):
Safety can shall mean an approved container, of not more than 5 gallons capacity, having a spring-closing lid and spout cover and so designed that it will safely relieve internal pressure when subjected to fire exposure.

Are they in sound operating condition, leaktight, with flame arresters intact? Yes No

Construction Standard Code(s)

✓ OSHA 29 CFR 1926.152
 Only approved containers and portable tanks shall be used for storage and handling of flammable and combustible liquids. Approved metal safety cans shall be used for the handling and use of flammable liquids in quantities greater than one gallon. For quantities of one gallon or less, only the original container or approved metal safety cans shall be used for storage, use and handling of flammable liquids.

Recommendations

Eagle Type I & Type II Metal Safety Cans



UI-20FS
Type I Safety Can



UI-50-FS
Type I Safety Can



U2-26-S
Type II Safety Can



U2-51-S
Type II Safety Can

UL & FM Approved

CARB

Eagle Safety Cans are permitted for use under the new CARB regulations via exemption no. 2467.3(c)

Do you have nonmetallic safety cans where abusive or corrosive conditions exist or oval safety cans where shelf space is limited?

Yes No

MAXIMUM ALLOWABLE CONTAINER SIZE

LIQUID TYPE	FLAMMABLE			COMBUSTIBLE
	Class IA	Class IB	Class IC	Class II
Container Type				
Glass or approved plastic	1 pt.	1 qt.	1 gal.	1 gal.
Metal (other than DOT drums)	1 gal.	5 gal.	5 gal.	5 gal.
Safety cans (incl. polyethylene)	2 gal.	5 gal.	5 gal.	5 gal.

NOTE: Container Exemptions: medicines, foodstuffs, cosmetics and other common consumer items.
 REFERENCE: OSHA 29 CFR 1910.106

See safety can chemical compatibility on page 16.

Recommendations

Eagle Safety Cans: Metal, Poly & Stainless Steel Cans



Models 1543 & 1537



Model 1511

The handling of hazardous liquids is subject to both safety and health regulations requiring protection for employees who work with flammable, combustible and explosive liquids.

Do you have any open containers or hazardous liquids being used in your cleaning operations?

Yes No

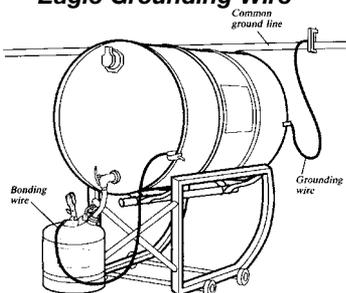
Code(s)
<p>✓ OSHA 29 CFR 1910.106 (e)(2)(ii): Incidental storage or use of flammable and combustible liquids. Containers. Flammable or combustible liquids shall be stored in tanks or closed containers.</p>
<p>✓ OSHA 29 CFR 1910.106 (a)(9): Closed container shall mean a container as herein defined, so sealed by means of a lid or other device that neither liquid nor vapor will escape from it at ordinary temperatures.</p>
<p>✓ OSHA 29 CFR 1910.106 (e)(2)(iv)(a): Flammable liquids shall be kept in covered containers when not actually in use.</p>
<p>Do you have laboratory cans or faucet cans for safer transfers of flammables from dispensing containers? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>

Recommendations
<p>Eagle Plunger and Bench Cans Eagle Lab Cans & Faucet Cans</p>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Model P-711</p> </div> <div style="text-align: center;">  <p>Model B-601</p> </div> </div>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Models 1511 & 1513</p> </div> <div style="text-align: center;">  <p>Model 1417</p> </div> </div>

Do you have adequate means of electrically bonding your containers during filling operations?

Yes No

Code(s)
<p>✓ Uniform Fire Code - Division VIII, Section 79.803 (a) states: “Class I liquids shall not be run into containers unless the nozzle and containers are electrically interconnected. The provisions of this section shall be deemed to have been complied with where the metallic floor plates on which the container stands while filling are electrically connected to the fill stem or where the fill stem is bonded to the container during filling by means of a bond wire.”</p>

Recommendations
<p>Eagle Grounding Wire</p>

<p>Models 1950 & 1951</p>
<p>© Lab Safety Supply Inc., Janesville, WI Reproduced with permission</p>

Workplace fires and explosions kill 200 and injure more than 5,000 workers each year.

More than 75,000 workplace fires cost businesses more than \$2 billion and wreak havoc among workers and their families and destroy thousands of businesses each year. CLAWS Assessment surveys should be conducted at least annually and should include observations of worksite safety and housekeeping issues and should specifically address proper handling and storage of chemicals and wastes as specified in this guide.

Objectives:

This assessment guide should give you a general understanding on how to:

- **Identify potential environmental, health and safety risks associated with hazardous materials handling and storage in the work environment.**
- **Conduct a thorough CLAWS compliance assessment and evaluation.**
- **Comply with specific OSHA, EPA, DOT and local fire codes concerning handling and storage of flammable materials.**
- **Specify approved products for compliance in these areas.**

Facility Assessment:

Know your facility! Know where your risk areas are, what materials are not being handled or stored in a manner that will let you be compliant with the many federal regulations. The CLAWS guide is an easy to use guide to evaluating your facility.

Part I - Identification

Divide the review facility into its functional or physical areas.

- Production area
- Machine Shop area
- Maintenance Area
- Laboratory Area
- Paint Shop Area
- Storage Area (Inside/Outside)
- Shipping Area

Part II - Definition

For each specific physical or functional area, note the following:

- Areas where chemicals are stored or used
- Areas where water or oils are used in the process
- Areas where dispensing and filling takes place
- Areas where leaks or spills are prevalent
- Areas that have self containment or fire suppression
- The temperature, ignition, and ventilation controls
- Potential ignition sources
- Volume of human and equipment traffic

Chemical & Waste Assessment

Know your chemicals. Know exactly what types of chemicals are in your facility and where they are being stored. Make sure all chemicals are in proper containers with proper labeling. Maintain corresponding MSDS sheets for every chemical in case of emergency.

Part I - Identification

Make a list of all chemicals used or stored in each area

Note any area that generates or accumulates waste materials

Note volume of each chemical or waste and type of container

Note the present method of storage (cabinet/counter/rack)

Note the state of the chemical or waste (liquid or solid)

Note any other pertinent information

Part II - Definition

Review MSDS, bill of lading, container label, hazardous I.D. label, numbered placard or other chemical reference material for each chemicals characteristics:

- Hazardous Characteristics
- Storage Requirements
- Compatibility Considerations
- Other Safety Concerns

All chemicals should be properly labeled and have secure lids, if not, contact an expert and dispose of properly.

Hazardous Characteristics - is the material:

Flammable or Combustible (flash point, boiling point)

Toxic

Corrosive

Light Sensitive

Oxidizer/Reducer

Poisonous/Pesticides

Require Special Handling?

Storage Requirements

Temperature (Minimum/Maximum)

Ventilation of Vapors

Ignition Control

Segregation for Compatibility

Special Identification

Volume Limitation

Spill Containment

Compatibility Consideration - when incompatible materials come into contact, fire, explosion, violent reactions or toxic gasses could result.

Do not store the following types of chemicals together:

Acids and Bases

Oxidizers and Organic Materials

Oxidizers and Reducing Agents

Other Incompatible Chemical Combinations

Specification of approved products for facility compliance

Throughout the CLAWS guide you will find the necessary products that will help you meet the federal regulations. You may find the Compliance worksheets on pages 14 and 15 useful on your walk through to record these products. For additional information you may also check out our web site at www.eagle-mfg.com.

Do you have FM Approved waste receptacles for discarding oily and waste solvent rags.

 Yes

 No

Code(s)

✓ **OSHA 29 CFR 1910.125(e)(4)(ii):**

Rags and other material contaminated with liquids from dipping or coating operations are placed in approved waste cans immediately after use; and

✓ **OSHA 29 CFR 1910.125(e)(4)(iii):**

Waste can contents are properly disposed of at the end of each shift.

✓ **OSHA 29 CFR 1910.106 (h)(8)(iii):**

Waste and residues. Combustible waste material and residues in a building or operating area shall be kept to a minimum, stored in closed waste cans, and disposed of daily.

Do you have liquid waste cans for hazardous and combustible waste? Yes No

Do you have receptacles for clean, safe disposal of ashes and cigarettes? Yes No

Recommendations

Eagle Metal or Poly Oily Waste Cans, Butt Cans & Disposal Cans



Model 1525



Model 1206 & 1208



Model 935FL



Model 1202 & 1205
Butt Can

Do you have approved containers for shipping small quantities of hazardous liquids contained in bottles, jars, cans or 5 gallon pails?

 Yes

 No

Code(s)

✓ **DOT 49 CFR 173.12:**

(b) Outside packaging. The outside packaging must be a DOT specification metal or fiber drum. It may also be a polyethylene drum capable of withstanding:

- (1) The vibration and compression tests specified in 178.19-7 (c)(1) and (2), and
- (2) A four foot drop test as specified in 178.224-2 (b).

(c) Inside packagings. The inside packagings must be either glass packagings not exceeding 1-gallon rated capacity, or metal or plastic packagings not exceeding a rated capacity of 5 gallons.

Recommendations

Eagle Lab & Overpack Drums



Model 1650



Model 1610MB



Model 1601

Waste management is required to decrease the potential exposure associated with handling hazardous waste. The main hazard is flammability. To help prevent fire, hazardous waste needs special precautions for storage, handling and use.

Do you have flammable or combustible hazardous waste stored in drum storage cabinets?

Yes No

Code(s)	Recommendations
<p>✓ OSHA 29 CFR 1910.106 (e)(2)(ii)(b): Incidental storage or use of flammable and combustible liquids. (b) The quantity of liquid that may be located outside of an inside storage room or storage cabinet in a building or in any one fire area of a building shall not exceed: (1) 25 gallons of Class IA liquids in containers (2) 120 gallons of Class IB, IC, II, or III liquids in containers (3) 660 gallons of Class IB, IC, II, or III liquids in a single portable tank.</p>	<p>Eagle Drum Cabinets</p>  <p>Model HAZ 1926</p>
<p>✓ OSHA 29 CFR 1910.106 (d)(3)(i&ii): Design, construction, and capacity of storage cabinets –(I) Maximum capacity. Not more than 60 gallons of Class I or Class II liquids, nor more than 120 gallons of Class III liquids may be stored in a storage cabinet.</p>	

Do you have biohazard waste receptacles for temporary accumulation of waste contaminated with potentially infectious materials?

Yes No

Code(s)	Recommendations
<p>✓ OSHA 29 CFR 1910.1030 The blood borne pathogens section applies to all occupational exposure to blood or other potentially infectious materials.</p> <p>✓ OSHA 29 CFR 1910.1030 (d)(4) Housekeeping. (i) General. Employers shall ensure that the worksite is maintained in a clean and sanitary condition. (g) Communication of hazards to employees. (1)(i)(A) Warning labels shall be affixed to containers of regulated waste, (B) Labels required by this section shall include the Biohazard symbol. (C) These labels shall be fluorescent orange or orange-red, with lettering and symbols in contrasting color.</p>	<p>Eagle Bio-Haz Cans</p>  <p>Model 945BIO Model 943BIO</p>

Do you have flammables and combustibles stored in safety storage cabinets?

Yes No

Code(s)	Recommendations
<p>✓ OSHA 29 CFR 1910.106 (e)(2)(ii)(b): Incidental storage or use of flammable and combustible liquids. (b) The quantity of liquid that may be located outside of an inside storage room or storage cabinet in a building or in any one fire area of a building shall not exceed: (1) 25 gallons of Class IA liquids in containers. (2) 120 gallons of Class IB, IC, II, or III liquids in containers. (3) 660 gallons of Class IB, IC, II, or III liquids in a single portable tank.</p>	<p>Eagle Safety Cabinets</p>  <p>ADD-15</p>  <p>Model 1932</p>
<p>Do your cabinets have operational self-closing doors as per the Uniform Fire Code 79.202? <input type="checkbox"/> Yes <input type="checkbox"/></p>	
<p>No</p> <p>✓ OSHA 29 CFR 1910.106 (d)(3)(i & ii): Design, construction, and capacity of storage cabinets –(I) Maximum capacity. Not more than 60 gallons of Class I or Class II liquids, nor more than 120 gallons of Class III liquids may be stored in a storage cabinet. (ii) Fire resistance. Storage cabinets shall be designed and constructed to limit the internal temperature to not more than 325°F when subjected to a 10-minute fire test using the standard time-temperature curve as set forth in Standard Methods of Fire Tests of Building Construction and Materials, NFPA 251-1969. All joints and seams shall remain tight and the door shall remain securely closed during the fire test. Cabinets shall be labeled in conspicuous lettering, FLAMMABLE-KEEP FIRE AWAY. (a) Metal cabinets constructed in the following manner shall be deemed to be in compliance. The bottom, top, door, and sides of cabinet shall be at least No. 18 gauge sheet iron and double walled with 1½-inch air space. Joints shall be riveted, welded or made tight by some equally effective means. The door shall be provided with a three-point lock, and a door sill shall be raised at least 2 inches above the bottom of the cabinet.</p>	 <p>Model 1947</p>  <p>Model PI-77</p> <p>Any aerosol which is required to be labeled flammable under the federal hazardous substance labeling act is considered Class 1 A liquid.</p> <p>2 to 110 gallon cabinets available</p>

Improper storage and handling of flammable liquids is the leading cause of industrial fires. Proper storage of flammable liquids can help eliminate millions of dollars of damage and help save the lives of your employees.

Do you have drums containing flammable or combustible liquid stored in drum storage cabinets?

Yes No

Code(s)	Recommendations
<p>✓ Uniform Fire Code 79.201</p> <p>(g) Storage Cabinets. 1. General. When provisions of this code require that liquid containers be stored in storage cabinets, such cabinets and storage shall be in accordance with this section. Cabinets shall be conspicuously labeled in red letters on contrasting background FLAMMABLE—KEEP FIRE AWAY.</p> <p>2. Quantities. The quantity of Class I or Class II liquids shall not exceed 60 gallons and the total quantities of all liquids in a storage cabinet shall not exceed 120 gallons.</p> <p>3. Construction. Cabinets may be constructed of wood or metal. Cabinets shall be listed or constructed in accordance with the following:</p> <p>A. Unlisted metal cabinets. Metal cabinets shall be of steel having a thickness of not less than 0.043 inch. The cabinet, including the door, shall be double walled with 1½-inch air space between the walls. Joints shall be riveted or welded and shall be tight fitting. Doors shall be well fitted, self-closing and equipped with a latching device. The bottom of the cabinet shall be liquid-tight to a height of at least two inches.</p>	<p style="text-align: center;">Eagle Drum Cabinets</p> <div style="text-align: center;">  <p>Model 1926</p>  <p>Model 1928</p> </div>

Do you have adequate facilities for storage of corrosives, pesticides or paint and ink products?

Yes No

Maximum Storage Quantities For Cabinets	Recommendations										
<table border="1"> <thead> <tr> <th style="text-align: left;"><i>Liquid Class</i></th> <th style="text-align: left;"><i>Maximum Storage Capacity</i></th> </tr> </thead> <tbody> <tr> <td>Flammable/Class I</td> <td>60 gal.</td> </tr> <tr> <td>Combustible/Class II</td> <td>60 gal.</td> </tr> <tr> <td>Combustible Class III</td> <td>120 gal.</td> </tr> <tr> <td>Combination of Classes</td> <td>120 gal.*</td> </tr> </tbody> </table> <p><small>* Not more than 60 gallons may be Class I and Class II liquids. No more than 120 gallons of Class III liquids may be stored in a storage cabinet, according to OSHA 29 CFR 1910.106(d)(3) and NFPA 30 Section 4-3.1. Note: Not more than three such cabinets may be located in a single fire area, according to NFPA 30 Section 4-3.1.</small></p>	<i>Liquid Class</i>	<i>Maximum Storage Capacity</i>	Flammable/Class I	60 gal.	Combustible/Class II	60 gal.	Combustible Class III	120 gal.	Combination of Classes	120 gal.*	<p style="text-align: center;">Eagle Acid Corrosive, Pesticide, and Paint & Ink Cabinets</p> <div style="text-align: center;">  <p>Model CRA-47</p> </div>
<i>Liquid Class</i>	<i>Maximum Storage Capacity</i>										
Flammable/Class I	60 gal.										
Combustible/Class II	60 gal.										
Combustible Class III	120 gal.										
Combination of Classes	120 gal.*										

High Density Polyethylene Chemical Resistance Guide

70°F 140°F (21°C)(60°C)		70°F 140°F (21°C)(60°C)		70°F 140°F (21°C)(60°C)	
Reagent		Reagent		Reagent	
Acetaldehyde	S O	Butter	S S	Dichlorobenzene (O&P)	U U
Acetic acid 1-10%	S S	Butyl acetate 100%	O U	Diethylene glycol	S S
Acetic acid 10-50%	S O	Butyl alcohol 100%	S S	Disodium phosphate	S S
Acetic acid 50-100%	S O	Butylene glycol	S S	Dioxane	S S
Acetic anhydride	S S	Butylic acid 100%	S S	Emulsions photographic	S S
Acetone	S S	Caffeine citrate saturated	S S	Ether	O O
Acids, aromatic	S S	Calcium bisulfide	S S	Ethyl acetate 100%	O O
Acrylic emulsions	S S	Calcium bromide	S S	Ethyl alcohol 100%	S S
Adipic acid	S S	Calcium carbonate sat'd.	S S	Ethyl alcohol 35%	S S
Aluminum chloride dilute	S S	Calcium chlorate saturated	S S	Ethylbenzene	O U
Aluminum chloride conc.	S S	Calcium chloride saturated	S S	Ethylene glycol	S S
Aluminum fluoride conc.	S S	Calcium hydroxide	S S	Ferric chloride sat'd.	S S
Aluminum sulfate conc.	S S	Calcium hypochloride	S S	Ferric nitrate sat'd.	S S
Alume (all ltypes) conc.	S S	bleach sol'n	S S	Ferrous ammonium citrate	S S
Amino acetic acid	S S	Calcium nitrate 50%	S S	Ferrous chloride sat'd.	S S
Ammonia 100% dry gas	S S	Calcium sulfate	S S	Ferrous sulfate	S S
Ammonium acetate	S S	Camphor crystals	S S	Fluoboric acid	S S
Ammonium bromide	S S	Camphor oil	U U	Fluorine	S U
Ammonium carbonate	S S	Carbon dioxide 100% dry	S S	Fluosilicic acid 32%	S S
Ammonium chloride sat'd.	S S	Carbon dioxide 100% wet	S S	Fluosilicic acid conc.	S S
Ammonium fluoride 20%	S S	Carbon dioxide cold sat'd.	S S	Formaldehyde	S S
Ammonium hydroxide	S S	Carbon disulphide	O U	10-30%	S S
Ammonium		Carbon monoxide	S S	30-40%	S O
metaphosphates sat'd.	S S	Carbon tetrachloride	U U	Formic acid 20%	S S
Ammonium nitrate sat's.	S S	Carbonic acid	S S	Formic acid 50%	S S
Ammonium		Carnauba wax	S S	Formic acid 100%	S S
persulfate sat'd.	S S	Carrot juice	S S	Fructose saturated	S S
Ammonium phosphate	S S	Castor oil conc.	S S	Fuel oil	S U
Ammonium sulfate sat'd.	S S	Catsup	S S	Furtural 100%	O U
Ammonium sulfide sat'd.	S S	Caustic soda	S O	Furturyl alcohol	S O
Ammonium		Cedar leaf oil	U U	Galtic acid saturated	S S
thiocyanate sat'd.	S S	Cedar wood oil	U U	Gasolene	S U
Amyl acetate 100%	O U	Chlorine liquid	O U	Glucose	S S
Amyl alcohol 100%	S S	Chlorobenzene	O U	Glycerine	S S
Amyl chloride 100%	O U	Chloroform	U U	Glycol	S S
Aniline 100%	S U	Chlorosulfonic acid 100%	U U	Glycolic acid 30%	S S
Anise seed oil	O U	Chrome alum sat'd.	S S	Grape juice	S S
Antimony chloride	S S	Chromic acid 10-20%	S O	Grapefruit juice	S S
Aqua regia	O U	Chromic acid 50%	S O	Heptane	O U
Aromatic hydrocarbons	U U	Cider	S S	Hexachlorobenzene	S S
Arsenic	S S	Cinnamon	S S	Hexane	U U
Aspirin	S S	Cinnamon oil	U U	Hydrobromic acid 50%	S S
Barium carbonate sat'd.	S S	Citric acid sat'd.	S S	Hydrochloric acid 10%	S S
Barium chloride saturated	S S	Citronella oil	O U	Hydrochloric acid 30%	S S
Barium hydroxide	S S	Cloves (ground)	S S	Hydrochloric acid 35%	S S
Barium sulfate saturated	S S	Coconut oil alcohols	S S	Hydrocyanic acid	S S
Barium sulfide saturated	S S	Cod liver oil	S S	Hydrocyanic acid sat'd.	S S
Beer	S S	Coffee	S S	Hydrofluoric acid 40%	S S
Benzaldehyde	S O	Copper chloride sat'd.	S S	Hydrofluoric acid 60%	S S
Benzene	O U	Copper cyanide sat'd.	S S	Hydrofluoric acid 75%	S S
Benzene sulfonic acid	S S	Copper fluoride 2%	S S	Hydrogen 100%	S S
Benzic acid		Copper nitrate sat'd.	S S	Hydrogen bromide 10%	S S
Crystals	S S	Copper sulfate dilute	S S	Hydrogen chloride gas dry	S S
Saturated	S S	Corn oil	S S	Hydrogen peroxide 30%	S S
Bismuth carbonate sat'd.	S S	Cottonseed oil	S S	Hydrogen peroxide 90%	S O
Black liquor	S S	Cranberry sauce	S S	Hydroquinone	S S
Bleach lye 10%	S S	Creola	S O	Hydrogen sulfide	S S
Borax cold saturated	S S	Cuprous chloride sat'd	S S	Hypochlorous acid conc.	S S
Boric acid dilute	S S	Cuprous oxide	S S	Inks	S S
Brine	S S	Cyclohexane	U U	Iodine crystals	O O
Bromic acid 10%	S S	Cyclohexanone	U U	Isobutyl alcohol	S S
Bromine liquid 100%	O U	Decalin	S U	Isopropyl alcohol	S S
Bromochloromethane	U U	Detergents synthetic	S S	Isopropyl ether	O U
Butadiene	U U	Developers photographic	S S	Kerosene	O O
Butanediol 10%	S S	Dextrin saturated	S S	Lactic acid 10%	S S
Butanediol 60%	S S	Dextrose saturated	S S	Lactic acid 90%	S S
Butanediol 100%	S S	Dibutyl ether	O U	Lanolin	S S

High Density Polyethylene Chemical Resistance Guide

70°F 140°F (21°C)(60°C)			70°F 140°F (21°C)(60°C)			70°F 140°F (21°C)(60°C)		
Reagent			Reagent			Reagent		
Lard	S	S	Pine oil	O	U	Sodium nitrate	S	S
Lead acetate sat'd.	S	S	Plating solutions			Sodiumnitrite	S	S
Lead nitrate	S	S	Brass	S	S	Sodium perborate	S	S
Lemon juice	S	S	Cadmium	S	S	Sodium phosphate	S	S
Lemon oil	O	U	Chromium	S	S	Sodium sulfide 25%		
Lime juice	S	S	Copper	S	S	to saturated	S	S
Linseed oil	S	S	Gold	S	S	Sodium sulfite sat'd	S	S
Magnesium sulfate sat'd.	S	S	Indium	S	S	Sodium thlosulphate	S	S
Margarine	S	S	Lead	S	S	Soybean oil	S	S
Magnesium			Nickel	S	S	Stannous chloride sat'd.	S	S
carbonate sat'd.	S	S	Rhodium	S	S	Stannic chloride sat'd.	S	S
Magnesium			Silver	S	S	Starch solution sat'd.	S	S
chloride saturated	S	S	Tin	S	S	Stearic acid 100%	S	S
Magnesium			Zinc	S	S	Sulfuric acid 0-50%	S	S
hydroxide sat'd.	S	S	Potassium			Sulfuric acid 70%	S	O
Magnesium nitrate sat'd.	S	S	bicarbonate sat'd.	S	S	Sulfuric acid 80%	S	U
Mercuric chloride	S	S	Potassium borate 1%	S	S	Sulfuric acid 96%	O	U
Mercuric cyanide sat'd.	S	S	Potassium bromate 10%	S	S	Sulfuric acid 96% conc.	O	U
Mercurous nitrate sat'd.	S	S	Potassium bromide sat'd.	S	S	Sulfuric acid fuming	U	U
Mercury	S	S	Potassium carbonate	S	S	Sulfurous acid	S	S
Methyl alcohol 100%	S	S	Potassium chlorate sat'd.	S	S	Tartaric acid	S	S
Methyl ethyl ketone 100%	U	U	Potassium chloride sat'd.	S	S	Tannic acid 10%	S	S
Methylsulfuric acid	S	S	Potassium cyanide sat'd.	S	S	Tea	S	S
Methylene chloride 100%	U	U	Potassium dichromate 40%S	S	S	Tetrahydrofurane	O	O
Milk	S	S	Potassium ferri/ferro			Toluene	U	U
Mineral oils	S	U	cyanide	S	S	Tomato juice	S	S
Molasses	S	S	Potassium nitrate sat'd.	S	S	Transformer oil	S	O
Mustard (prepared)	S	S	Potassium perborate sat'd.	S	S	Trisodium		
Naphtha	O	U	Potassium			phosphate sat'd.	S	S
Naphthalene	S	U	perchlorate 10%	S	S	Trichloroethylene	U	U
Natural gas (wet)	S	S	Potassium			Turpentine	O	U
Nickel chloride sat'd.	S	S	permanganate 20%	S	S	Urea	S	S
Nickel nitrate conc.	S	S	Potassium sulfate conc.	S	S	Urine	S	S
Nickel sulfate	S	S	Potassium sulfide conc.	S	S	Vanilla extract	S	S
Nicotinic acid	S	S	Potassium sulfite conc.	S	S	Vaseline	S	S
Nitric acid 0-30%	S	S	Potassium			Vinegar com.	S	S
Nitric acid 30-50%	S	O	persulfate sat'd.	S	S	Wetting agents	S	S
Nitric acid 70%	S	O	Propane gas	S	S	Whiskey	S	S
Nitric acid 85-90%	U	U	Properyl alcohol	S	S	Wines	S	S
Nitrobenzene 100%	U	U	Propyl alcohol	S	S	Xylene	U	U
Nitroglycerine	O	U	Propylene glycol	S	S	Yeast	U	U
Octane	S	S	Pyridine	S	O	Zinc chloride sat'd.	S	S
Oleura conc.	U	U	Rayon coagulating bath	S	S	Zinc oxide	S	S
Olive oil	S	S	Resorcinol	S	S	Zinc sulfate sat'd.	S	S
Orange juice	S	S	Salicytic acid	S	S			
Ozalic acid dilute	S	S	Sea water	S	S			
Ozalic acid saturated	S	S	Shortening	S	S			
Ozone	O	O	Silicic acid	S	S			
Palm oil	S	S	Silver nitrate sol'n.	S	S			
Paraffin oil	S	O	Soap solution conc.	S	S			
Peanut butter	S	S	Sodium acetate sat'd.	S	S			
Perchloroethylene	U	U	Sodium benzoate 35%	S	S			
Pepper (fresh ground)	S	S	Sodium bicarbonate sat'd.	S	S			
Peppermint oil	O	U	Sodium bisulfate sat'd.	S	S			
Perchloric acid 50%	S	O	Sodium bisulfite sat'd.	S	S			
Petroleum ether	U	U	Sodium borate	S	S			
Petroleum jelly	S	S	Sodium carbonate conc.	S	S			
Phenol	S	S	Sodium chlorate sat'd.	S	S			
Phosphoric acid 0-30%	S	S	Sodium chloride sat'd.	S	S			
Phosphoric acid 30-90%	S	S	Sodium cyanide	S	S			
Phosphoric acid over 90%	S	S	Sodium dichromate sat'd.	S	S			
Photographic solutions	S	S	Sodium ferricyanide sat'd.	S	S			
Phthalic anhydride	S	S	Sodium ferricyanide	S	S			
Pickling baths			Sodium fluoride sat'd.	S	S			
Sulfuric acid	S	S	Sodium hydroxide conc.	S	S			
Hydrochloric acid	S	S	Sodium hypochlorite	S	S			
Sulfuric-nitric	S	U						

Legend:

S = Satisfactory

O = Some Attack

U = Unsatisfactory

Note:
The above information concerns general chemical resistance only. Since other factors such as permeation, ESCR, and container design are involved full compatibility testing is recommended.

Eagle Products Listing

Eagle Model	Capacity	Description
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CONTAINMENT

Haz-Mat Platforms & Pallets

1612	65 Gal.	Single Drum Containment Unit
1620	66 Gal.	2 Drum Containment: Pallet
1631	34 Gal.	2 Drum Budget Basin
1632	30 Gal.	2 Drum Modular Platform
1633	12 Gal.	1 Drum Modular Platform
1634	30 Gal.	4 Drum Modular Platform
1635	60.5 Gal.	4 Drum Modular Platform
1636	17.5 Gal.	1 Drum Budget Basin
1637	30 Gal.	Mobile Spill Control Platform
1638	66 Gal.	4 Drum Budget Basin
1640	90 Gal.	4 Drum Containment: Pallet
1645	66 Gal.	4 Drum Low Profile Containment: Pallet
1646	66 Gal.	4 Drum Nestable Containment Pallet
1647	66 Gal.	4 Drum In-line Spill Containment Platform
1677	5 Gal.	Containment Utility Tray
1686	86 Gal.	6 Drum Spill Containment Platform
1688	90 Gal.	8 Drum Spill Containment Platform
1689	-	Poly Ramp for Platform Units

Drum & IBC Products

1613	12 Gal.	Drum Bogie - Mobile Dispensing Unit
1614	-	Drum Tray
1615	-	Drum Tray with Grating
1660	-	Drum Funnel
1662	-	Drum Funnel w/Screen
1664	-	Funnel Cover
1665	-	65 Gal. Salvage Drum/Overpack
1666	-	Drum Cover - Closed Head
1667	-	Drum Cover - Open Head
1670	1 Gal.	Yellow Drip Pan Complete
1680	400 Gal.	IBC Spill Containment Unit
1683	400 Gal.	All Poly IBC Spill Containment Unit
1684	400 Gal.	Double All Poly IBC Spill Containment Unit

Lab, Overpack & Salvage Drums

1600SL	30 Gal.	30 Gallon Lab Pack w/Screw Top Lid
1601	30 Gal.	30 Gallon Drum
1601M	30 Gal.	30 Gallon Drum w/Metal Lever Lock Ring
1601MB	30 Gal.	30 Gallon Drum w/Metal Lever Lock Ring - Blue
1602	30 Gal.	30 Gal Salvage Drum w/Lid & Metal Bolt Ring
1610	14 Gal.	14 Gallon Drum
1610MB	14 Gal.	14 Gallon Drum w/Metal Lever Lock Ring - Blue
1650	20 Gal.	20 Gal. Lab Pack w/Screw Top Lid
1650BEI	20 Gal.	20 Gal. Lab Pack w/Screw Top Lid - Beige
1652	20 Gal.	20 Gallon Drum
1654	20 Gal.	20 Gal Salvage Drum w/Lid & Metal Bolt-Ring
1655	55 Gal.	55 Gallon Drum
1655M	55 Gal.	55 Gallon Drum w/metal lever lock
1655MB	55 Gal.	55 Gallon Drum w/metal lever lock - Blue
1656	55 Gal.	55 Gallon straight side Drum
1656M	55 Gal.	55 Gallon straight side Drum w/metal lever lock
1656MB	55 Gal.	55 Gallon straight side Drum w/metal lever lock - Blue
1661	65 Gal.	65 Gallon Overpack Drum w/Screw Top Lid
1665	65 Gal.	65 Gallon Salvage Drum/Overpack
1690	95 Gal.	95 Gal. Overpack Drum w/Screw Top Lid
1695	95 Gal.	95 Gal. Salvage Drum/Overpack

Horizontal Drum Stacking Systems

1605	-	Poly Drum Cradle
1606	-	Single Drum Poly Stackers
1607	-	Double Drum Poly Stackers
1608	-	Poly Shelf for Stacker Units

Haz-Mat Accessories

1618	-	Drum Tray Dolly
1622	-	2 Drum Pallet-Tarp
1625	-	Work Station Dolly
1644	-	4 Drum Pallet-Tarp
1698	-	Drum Dolly for 95 Gallon Overpack
1952	-	Overpack Dolly

LIQUID HANDLING

Type I Safety Cans

UI-2-FS	1 Qt.	Metal - Red
UI-4-FS	2 Qt.	Metal - Red
UI-10-FS	1 Gal.	Metal - Red
UI-20-FS	2 Gal.	Metal - Red
UI-25-FS	2.5 Gal.	Metal - Red
UI-25-FSY	2.5 Gal.	Metal - Yellow
UI-50-FS	5 Gal.	Metal - Red
UI-20-FSY	2 Gal.	Metal - Yellow
UI-50-FSY	5 Gal.	Metal - Yellow
UI-20-FSB	2 Gal.	Metal - Blue
UI-50-FSB	5 Gal.	Metal - Blue
UI-20-FSG	2 Gal.	Metal - Green
UI-50-FSG	5 Gal.	Metal - Green
<i>To order cans w/o funnel delete F from model number</i>		
1537	3 Gal.	Polyethylene - Red
1543	3 Gal.	Polyethylene - Red
1535	3 Gal.	Polyethylene - White
1541	5 Gal.	Polyethylene - White
1533	3 Gal.	Polyethylene - Yellow
1539	5 Gal.	Polyethylene - Yellow
1313	2.5 Gal.	Stainless Steel

Eagle Model	Capacity	Description
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1315	5 Gal.	Stainless Steel
F-15	-	9" Poly Funnel for Metal Type I Cans

Type II Safety Cans

U2-26-S	2 Gal.	Red - w/7/8" O.D. Flex Spout
U2-51-S	5 Gal.	Red - w/7/8" O.D. Flex Spout
U2-26-SY	2 Gal.	Yellow - w/7/8" O.D. Flex Spout
U2-51-SY	5 Gal.	Yellow - w/7/8" O.D. Flex Spout
U2-26-SB	2 Gal.	Blue - w/7/8" O.D. Flex Spout
U2-51-SB	5 Gal.	Blue - w/7/8" O.D. Flex Spout

Laboratory Safety Cans

1401	1 Gal.	Metal-Red w/Pouring Lip
1301	1 Gal.	Stainless Steel
1508	1/2 Gal.	Polyethylene - Yellow
1509	1 Gal.	Polyethylene - Yellow
1510	1/2 Gal.	Polyethylene - Red
1511	1 Gal.	Polyethylene - Red
1512	1/2 Gal.	Polyethylene - White
1513	1 Gal.	Polyethylene - White

Safety Faucet Cans

1327	5 Gal.	Stainless Steel w/Stainless ECO Faucet
1417	5 Gal.	Stainless Steel w/Brass Faucet

Safety Plunger Cans

P-701	1 Qt.	Metal - Red
P-702	2 Qt.	Metal - Red
P-704	4 Qt.	Metal - Red
P-711	1 Qt.	Polyethylene - Red
P-712	2 Qt.	Polyethylene - Red
P-714	4 Qt.	Polyethylene - Red

Safety Bench & Daub Cans

B-600-D	1/2 Pt.	Metal - Red Daub Can
B-601	1 Qt.	Metal - Red Bench Can
B-602	2 Qt.	Metal - Red Bench Can
B-604	4 Qt.	Metal - Red Bench Can
B-606	6 Qt.	Metal - Red Bench Can
B-606NL	6 Qt.	Metal - Red Bench Can w/o Lid
B-608	8 Qt.	Metal - Red Bench Can

DOT Approved Transport Can

1215	5 Gal.	Red Galvanized Steel Type II Style Safety Can w/7/8" Flexible Hose
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WASTE MANAGEMENT

Safety Oily Waste Cans

906-FL	6 Gal.	Galvanized Steel - Red w/Foot Lever
910-FL	10 Gal.	Galvanized Steel - Red w/Foot Lever
914-FL	14 Gal.	Galvanized Steel - Red w/Foot Lever
921	21 Gal.	Galvanized Steel - Red - Hand Lift Only
933-FL	6 Gal.	Polyethylene - Red w/Foot Lever
935-FL	10 Gal.	Polyethylene - Red w/Foot Lever
937-FL	14 Gal.	Polyethylene - Red w/Foot Lever

Safety Biohazardous Waste Cans

943BIO	6 Gal.	Polyethylene - Red w/Foot Lever
945BIO	10 Gal.	Polyethylene - Red w/Foot Lever
947BIO	14 Gal.	Polyethylene - Red w/Foot Lever

Safety Disposal Cans

1423	2.5 Gal.	Metal Steel - Red
1425	5 Gal.	Metal Steel - Red
1323	2.5 Gal.	Stainless Steel
1325	5 Gal.	Stainless Steel
1519	3 Gal.	Polyethylene - Red
1525	5 Gal.	Polyethylene - Red
1515	3 Gal.	Polyethylene - Yellow
1521	5 Gal.	Polyethylene - Yellow
1517	3 Gal.	Polyethylene - White
1523	5 Gal.	Polyethylene - White

Lift Oil Drain Can

605	5 Gal.	Lift Oil Drain Can - Red
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SafeSmoker Cigarette Receptacles

1206	5 Qt.	SafeSmoker:TM
1208	4 Gal.	SafeSmoker:TM

Safety Butt Cans

1200yellow	5 Gal.	Original All Steel - Yellow
1200beige	5 Gal.	Original All Steel - Beige
1202	2 Gal.	Galvanized Steel - Yellow
1202-BEI	2 Gal.	Galvanized Steel - Beige
1205	5 Gal.	Galvanized Steel - Yellow
1205-BEI	5 Gal.	Galvanized Steel - Beige

SAFETY STORAGE

Safety Storage Cabinets - Yellow

1900	2 Gal.	One Door Self-Closing One Shelf
1901	2 Gal.	One Door Manual One Shelf
1903	4 Gal.	One Door Self-Closing One Shelf
1904	4 Gal.	One Door Manual One Shelf
1924	12 Gal.	One Door Self-Closing One Shelf
1925	12 Gal.	One Door Manual One Shelf
ADD-14	15 Gal.	Two Door Self-Closing Optional Shelf
ADD-15	15 Gal.	Two Door Manual Optional Shelf
1905	16 Gal.	One Door Self-Closing One Shelf

Eagle Products Listing

Eagle Model	Capacity	Description
1906	16 Gal.	One Door Manual One Shelf
1970	22 Gal.	Two Door Self-Closing One Shelf
1971	22 Gal.	Two Door Manual One Shelf
1923	24 Gal.	One Door Manual Three Shelves
2310	24 Gal.	One Door Self-Closing Three Shelves
1975	24 Gal.	Two Door Self-Closing Three Shelves
1976	24 Gal.	Two Door Manual Three Shelves
1930	30 Gal.	One Door Self-Closing One Shelf
1932	30 Gal.	Two Door Manual One Shelf
3020	30 Gal.	Two Door Self-Closing One Shelf
1945	45 Gal.	One Door Self-Closing Two Shelves
1947	45 Gal.	Two Door Manual Two Shelves
4510	45 Gal.	Two Door Self-Closing Two Shelves
1946	48 Gal.	One Door Manual Three Shelves
4610	48 Gal.	One Door Self-Closing Three Shelves
1961	60 Gal.	One Door Manual Two Shelves
6110	60 Gal.	One Door Self-Closing Two Shelves
1962	60 Gal.	Two Door Manual Two Shelves
6010	60 Gal.	Two Door Self-Closing Two Shelves
1964	60 Gal.	One Door Manual One Shelf
6410	60 Gal.	One Door Self-Closing One Shelf
1992	90 Gal.	Two Door Manual Two Shelves
9010	90 Gal.	Two Door Self-Closing Two Shelves

Tower Cabinets - Yellow

1924LEGS	12 Gal.	One Door Self-Closing w/4" Legs One Shelf
1925LEGS	12 Gal.	One Door Manual w/4" Legs One Shelf
1905LEGS	16 Gal.	One Door Self-Closing w/4" Legs One Shelf
1915LEGS	16 Gal.	One Door Manual w/4" Legs One Shelf
1932LEGS	30 Gal.	Two Door Manual w/4" Legs One Shelf
3010LEGS	30 Gal.	Two Door Self-Closing w/4" Legs One Shelf
1947LEGS	45 Gal.	Two Door Manual w/4" Legs Two Shelves
4510LEGS	45 Gal.	Two Door Self-Closing w/4" Legs Two Shelves
1962LEGS	60 Gal.	Two Door Manual w/4" Legs Two Shelves
6010LEGS	60 Gal.	Two Door Self-Closing w/4" Legs Two Shelves
1992LEGS	90 Gal.	Two Door Manual w/4" Legs Two Shelves
9010LEGS	90 Gal.	Two Door Self-Closing w/4" Legs Two Shelves

Paink/Ink Safety Storage Cabinets - Red

PI-32LEGS	40 Gal.	Two Door Manual w/4" Legs Three Shelves
PI-47LEGS	60 Gal.	Two Door Manual w/4" Legs Five Shelves
PI-62LEGS	96 Gal.	Two Door Manual w/4" Legs Five Shelves
PI-77	30 Gal.	Two Door Manual Close Five Shelves
PI-7710	30 Gal.	Two Door Self-Closing Five Shelves
PI-30	40 Gal.	One Door Self-Closing Three Shelves
PI-32	40 Gal.	Two Door Manual Three Shelves
PI-3010	40 Gal.	Two Door Self-Closing Three Shelves
PI-45	60 Gal.	One Door Self-Closing Five Shelves
PI-47	60 Gal.	Two Door Manual Five Shelves
PI-4510	60 Gal.	Two Door Self-Closing Five Shelves
PI-62	120 Gal.	Two Door Manual Close Five Shelves
PI-6010	120 Gal.	Two Door Self-Closing Five Shelves

Paink/Ink Safety Storage Cabinets - Yellow

YPI-77	30 Gal.	Two Door Manual Close Five Shelves
YPI-7710	30 Gal.	Two Door Self-Closing Five Shelves
YPI-30	40 Gal.	One Door Self-Closing Three Shelves
YPI-32	40 Gal.	Two Door Manual Three Shelves
YPI-3010	40 Gal.	Two Door Self-Closing Three Shelves
YPI-45	60 Gal.	One Door Self-Closing Five Shelves
YPI-47	60 Gal.	Two Door Manual Five Shelves
YPI-4510	60 Gal.	Two Door Self-Closing Five Shelves
YPI-62	96 Gal.	Two Door Manual Close Five Shelves
YPI-6010	96 Gal.	Two Door Self-Closing Five Shelves

Safety Storage Drum Cabinets - Yellow

1926	55 Gal.	Two Door Manual Vertical Drum
2610	55 Gal.	Two Door Self-Closing Vertical Drum
1928	55 Gal.	Two Door Manual Horizontal Drum
2810	55 Gal.	Two Door Self-Closing Horizontal Drum
1955	110 Gal.	Two Door Manual - 2 Vertical Drum
5510	110 Gal.	Two Door Self-Closing Vertical Drum

Flammable/Hazardous Waste Drum Cabinets

HAZ1926	55 Gal.	Two Door Manual 1-Vertical Drum
HAZ2610	55 Gal.	Two Door Self-Closing 1-Vertical Drum
HAZ1955	110 Gal.	Two Door Manual 2-Vertical Drums
HAZ1992	90 Gal.	Two Door Manual 2-Vertical 30 Gal. Drums
HAZ9010	60 Gal.	Two Door Self-Closing 2-Vertical 30 Gal. Drums

Acid & Corrosive Safety Cabinets

CRA-1903	4 Gal.	One Door Self-Closing One Shelf
CRA-1904	4 Gal.	One Door Manual One Shelf
CRA-1923	24 Gal.	One Door Manual Three Shelves
CRA-2310	24 Gal.	One Door Self-Closing Three Shelves
CRA-1924	12 Gal.	One Door Self-Closing One Shelf
CRA-1925	12 Gal.	One Door Manual One Shelf
CRA-ADD	15 Gal.	Two Door Manual Optional Shelf
CRA-ADD14	15 Gal.	Two Door Self-Closing Optional Shelf
CRA-1905	16 Gal.	One Door Self-Closing One Shelf
CRA-1906	16 Gal.	One Door Manual One Shelf
CRA-70	22 Gal.	Two Door Self-Closing One Shelf
CRA-71	22 Gal.	Two Door Manual One Shelf
CRA-30	30 Gal.	One Door Self-Closing One Shelf
CRA-32	30 Gal.	Two Door Manual One Shelf
CRA-3010	30 Gal.	Two Door Self-Closing One Shelf
CRA-45	45 Gal.	One Door Self-Closing Two Shelves
CRA-47	45 Gal.	Two Door Manual Two Shelves

Eagle Model	Capacity	Description
CRA-4510	45 Gal.	Two Door Self-Closing Two Shelves
CRA-62	60 Gal.	Two Door Manual Two Shelves
CRA-6010	60 Gal.	Two Door Self-Closing Two Shelves

Polyethylene Acid & Corrosive Cabinets

CRA-P04	4 Gal.	Poly One Door Manual One Shelf - Blue
CRA-P04W	4 Gal.	Poly One Door Manual One Shelf - White
CRA-P22	22 Gal.	Poly Two Door Manual Two Shelves - Blue
CRA-P22W	22 Gal.	Poly Two Door Manual Two Shelves - White
CRA-P44	44 Gal.	Poly Four Door Manual Four Shelves - Blue
CRA-P44W	44 Gal.	Poly Four Door Manual Four Shelves - White

Pesticide Storage Cabinets - Green

PEST-P04	4 Gal.	Poly One Door Manual One Shelf
PEST-P22	22 Gal.	Poly Two Door Manual Two Shelves
PEST-24	12 Gal.	One Door Self-Closing One Shelf
PEST-25	12 Gal.	One Door Manual One Shelf
PEST-26	55 Gal.	Two Door Manual Vertical Drum
PEST-2610	55 Gal.	Two Door Self-Closing Vertical Drum
PEST-32	30 Gal.	Two Door Manual One Shelf
PEST-3010	30 Gal.	Two Door Self-Closing One Shelf
PEST-47	45 Gal.	Two Door Manual Two Shelves
PEST-4510	45 Gal.	Two Door Self-Closing Two Shelves
PEST-62	60 Gal.	Two Door Manual Two Shelves
PEST-6010	60 Gal.	Two Door Self-Closing Two Shelves

Office Supply Cabinets

1947-4BE		Office Supply Cabinet - Beige
1947-4GR		Office Supply Cabinet - Gray

GUARDS & PROTECTORS

Poly Post Sleeves

1732		Sleeve for 4" Round Post
1730		Sleeve for 6" Round Post
1738		Sleeve for 8" Round Post
Available in Yellow, White, Red, Brown, Green, Orange, Lime, Black and Blue		
1735		Smooth Sleeve for 4" Round Post
1736		Smooth Sleeve for 6" Round Post
1737		Smooth Sleeve for 8" Round Post
Available in Yellow and Red		

Corner & Wall Protectors

1720		21" Corner Protector (set of two)
1725		42" Corner Protector (set of two)
1726		6" Wall Protector
1728		10" Wall Protector

Column Protectors

1704		4"-6" Narrow Column Protector
1706		6" Polyethylene Column Protector
1706LM		6" Polyethylene Column Protector - Lime
1706OR		6" Polyethylene Column Protector - Orange
1708		8" Polyethylene Column Protector
1708LM		8" Polyethylene Column Protector - Lime
1708OR		8" Polyethylene Column Protector - Orange
1709		9" Round Polyethylene Column Protector
1709LM		9" Round Polyethylene Column Protector - Lime
1709OR		9" Round Polyethylene Column Protector - Orange
1710		10" Polyethylene Column Protector
1710LM		10" Polyethylene Column Protector - Lime
1710OR		10" Polyethylene Column Protector - Orange
1712		12" Polyethylene Column Protector
1712LM		12" Polyethylene Column Protector - Lime
1712OR		12" Polyethylene Column Protector - Orange
1724-6		6" Polyethylene Mini Column Protector
1724-6 RED		6" Polyethylene Mini Column Protector - Red
1724-8		8" Polyethylene Mini Column Protector
1724-8 RED		8" Polyethylene Mini Column Protector - Red
1724-10		10" Polyethylene Mini Column Protector
1724-10 RED		10" Polyethylene Mini Column Protector - Red
1724-12		12" Polyethylene Mini Column Protector
1724-12 RED		12" Polyethylene Mini Column Protector - Red

Parking Stops/Speed Bumps

1790Y		Parking Stop - Yellow
1790B		Parking Stop - Blue
1790BLK		Parking Stop - Black w/Yellow Stripes
1790G		Parking Stop - Gray
1792		6" Speed Bump - Cable Guard - Yellow
1793		9" Speed Bump - Cable Guard - Yellow

Ramps/Dockplates

1794		Poly Curb Ramp - Yellow
1795		Portable Poly Dockplate for Hand Trucks - 35"
1795CR		Poly Shipping Container Ramp
1796		Fixed Poly Dockplate for Hand Trucks
1797		Portable Poly Dockplate for Hand Trucks - 48"

Also Available:

Metal Bollard Posts and Machine Guards
Poly Guide-Post Delineators
Barricade Products

Glossary

Approved - approved, or listed by a nationally recognized testing laboratory.

Bloodborne Pathogens - pathogenic micro-organisms that are present in human blood and can cause disease in humans.

Boiling Point - the boiling point of a liquid at a pressure of 14.7 pounds per square inch absolute (p.s.i.a.).

Bonding - the interconnecting of two objects with clamps and wire to equalize the electrical potential to help prevent static sparks that could ignite flammable materials.

Closed Container - a container sealed by means of a lid or other device that neither liquid nor vapor will escape from it at ordinary temperatures.

Container - any can, barrel or drum.

Contaminated - the presence or the reasonably anticipated presence of blood or other potentially infectious materials on an item or surface.

Fire Area is defined by NFPA Code 30 as an area of a building separated from the remainder of the building by construction having a fire resistance of at least 1 hour and having all communicating openings properly protected by an assembly having a fire resistance rating of at least 1 hour. The NFPA also provides a special provision for the grouping of flammable cabinets in an industrial facility due to the lack of walls or barriers. In an industrial occupancy, additional cabinets may be located in the same fire area if the additional cabinets, or the group of not more than three (3) cabinets, is separated from the other cabinets or group of cabinets by at least 100 feet (30m).

Flammable Aerosol - an aerosol which is required to be labeled "Flammable" under the Federal Hazardous Substances Labeling Act. Such aerosols are considered Class IA liquids.

Flame Arrester - a mesh or perforated metal insert within a flammable storage container (safety can, cabinet) which protects its contents from external flames or ignition by absorbing and dissipating heat entering the can, therefore keeping the vapor pressure below its ignition point.

Flashpoint - the lowest temperature at which a flammable vapor-air mixture above the liquid will ignite when an ignition source is present.

FM - Factory Mutual - a national testing laboratory and approval service recognized by OSHA.

Grounding - the conducting connection between a container and "ground," usually with a wire, to prevent generation of static electric sparks.

Liquid - any material which has a fluidity greater than that of 300 penetration asphalt when tested in accordance with ASTM Test for Penetration for Bituminous Materials.

Regulated Waste - liquid or semi-liquid blood or other potentially infectious materials; contaminated items that would release blood or other potentially infectious materials in a liquid or semi-liquid state if compressed; items that are caked with dried blood or other potentially infectious materials and are capable of releasing these materials during handling; contaminated sharps; and pathological and microbiological wastes containing blood or other potentially infectious materials.

UN Markings: UN 1H2/X340/S/96USA/M4990

1- Type of Container (drum), H-material of construction (plastic), 2- Removable head/X-Testing performance (X=Groups I, II, & III), 340-Max. Wt. of Container (Kg)/S-solids/96 - Year of Manufacture, USA-State Authorization Mark/M - certification compliance, 4990 -Testing Agency number.

Vapor Pressure - the pressure, measured in pounds per square inch (absolute) exerted by a volatile liquid as determined by the "Standard Method of Test for Vapor Pressure of Petroleum Products" (Reid Method).

FLAMMABLE AND COMBUSTIBLE LIQUIDS DEFINED		
Flammable		
Flashpoint less than 100 °F		
Class	Flashpoint	Boiling Point
IA	<73°F	<100°F
IB	<73°F	>100°F
IC	73°F - 100°F	—
Combustible		
Flashpoint at or above 100°F		
Class	Flashpoint	Boiling Point
II	100° - 140°F	—
IIIA	140° - 200°F	—
IIIB	+200°F	—

Liquid volatility increases with temperature. Classes change with mixtures and contamination. Reference: OSHA 29 CFR 1910.106 (a)(18)

SAFETY CAN-CHEMICAL COMPATIBILITY							
Reagent	1	2	3	Reagent	1	2	3
Acetic Acid	N	Y	Y	Fuel Oil	Y	Y	Y
Acetone	Y	Y	Y	Gasoline	Y	Y	Y
Aniline	N	Y	Y	Heptane	Y	Y	Y
Benzene	N	Y	Y	Hexane	Y	N	Y
Butadiene	N	Y	Y	Kerosene	Y	Y	Y
2-Butanona	Y	Y	Y	Methanol	N	Y	Y
Butylene	Y	N	Y	Methylene Chloride	N	N	Y
Chlorofluorocarbons	N	N	Y	Methyl Ethyl Ketone	Y	N	Y
Cyclohexane	Y	N	N	Methyl Isobutyl Ketone	Y	Y	Y
Cyclohexanone	N	N	Y	Pentane	Y	Y	N
Ethanol	N	N	Y	Petroleum Ether	Y	N	Y
Ethyl Acetate	N	N	Y	Toluene	Y	Y	Y
Ethyl Ether	Y	N	Y	Trichloroethylene	N	N	N
Ethylene Glycol	N	Y	Y	Xylene	Y	Y	Y
KEY							
Galvanized Steel or Terne Plate-1			Polyethylene- 2		Stainless Steel-3		
Use when chemical purity is not critical. Some chemicals may adversely affect paint. Y=Yes N=No			Use for storing acids/caustics and other corrosive chemicals. * May discolor solvent if water present.		Use when chemical purity is critical.		
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CAUTION: Resistance to mixed solvents is unpredictable. Guide DOES NOT apply to mixtures, even if the can is compatible with all components of the mixture.							

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Great People • Great Products

A TRADITION OF QUALITY



For over 100 years, Eagle Manufacturing Company has been making products for an ever changing world.

In the beginning, it was glass jars, and later, the technology that led to the production of metal lids for glass jars led to the production of oilers (1907), steel gasoline cans (1917), metal Type I and Type II Safety Cans (1957), metal Oily Waste Cans (1962), and Safety Storage Cabinets (1967).

Eagle has built a track record of successfully adapting to this ever changing world. In 1981, Eagle introduced the first non-welded, galvanized steel Safety Cans and in 1987 introduced its full line of high density polyethylene products. Since 1990, Eagle has introduced over 150 new products, including its high density polyethylene hazardous waste management products.

In 1997, Eagle introduced its new generation of Safety Storage Cabinets. Eagle's newly designed and manufactured cabinets have set new industry standards for quality, durability and value.



Eagle remains committed to working closely with industry to develop new technology and provide a full range of products to meet their needs.

A TRADITION OF INNOVATION



Throughout its history, Eagle has been universally recognized as a leader in providing innovative products. That tradition continues today. From concept, through design and testing, Eagle's product development group utilizes

state-of-the-art technology. Innovative design is only one part of a successful new product equation. Eagle's management has committed the necessary resources to insure that manufacturing equipment and processes are also state-of-the art.

EAGLE SELLS EAGLE PRODUCTS

As the safety marketplace moves toward "one-stop" shopping, the Eagle brand name—and what it stands for—has assumed a growing role in distinguishing Eagle from its competitors. The brand tells our customers what they can expect: easy to use features, innovative applications, solid value, and exceptional service.



EAGLE QUALITY POLICY



Our Goals Are:

To Excel in Manufacturing and Marketing and to be the Supplier of Choice to our Customers.

We must be certain that our products:

- Are designed for their intended purpose;*
- Are correctly made;*
- Are of the highest quality; and*
- Are readily available so that our customers' orders can be shipped promptly.*

Everyone at Eagle Works Together As A Team To Achieve These Goals.

QUALITY ASSURANCE FOR THE FUTURE

ISO-9001 Certification

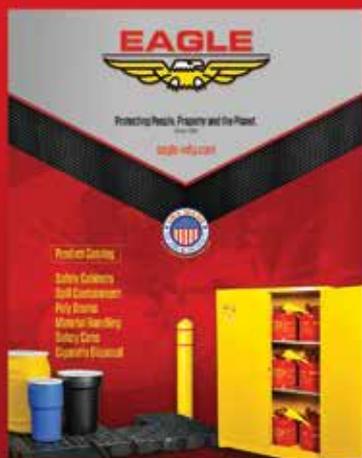
In December 1996, Davy Scott Registrar Services, Inc. certified Eagle's Quality System to the ISO-9001 standard. The significance of ISO certification is two-fold. First, the documentation of our operating procedures enables us to operate more efficiently. Second, certification assures our customers that our quality standards are among the best in the world.

In order to maintain and improve upon these quality standards, Eagle has three certified ISO-9001 Quality Management System auditors on staff. Also, semi-annual independent audits are conducted to insure that Eagle continues to meet ISO-9001 standards.





EAGLE



**This compliance guide
should be used in conjunction
with the Eagle Product Catalog.**

Eagle Manufacturing Company is a prime manufacturer of Safety Cans, Safety Cabinets, Poly Drums and Spill Containment, Material Handling, and Cigarette Disposal Products. With more than 750 products, Eagle Manufacturing Company is the most respected brand for quality craftsmanship and value. An ISO-9001 certified manufacturer, all of our products are made in the USA. Go to our website to request a **FREE** Product Catalog Guide.

www.eagle-mfg.com

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