

Guidance on Handling, Storage, and Disposal of Hazardous Substances

Safety Data Sheets:

1. All hazardous materials carried aboard a NOAA small boat must have a Safety Data Sheet stored aboard. If the size of the small boat prevents on-board storage, the SDS must be kept in the office.

Definitions:

1. Flammable Liquids have a flashpoint < 100 °F
2. Combustible Liquids have a flashpoint ≥ 100 °F

Gasoline:

1. Store in an approved container
 - a. Gasoline containers used aboard NOAA small boats must comply with ABYC H-25 Standards & Technical information
 - b. For containers of 5 gallons or less, may use Department of Transportation approved containers, or Underwriters Laboratories (UL) or Factory Mutual (FM) approved safety cans.
2. Do not store gasoline tanks directly in the sun. Keep in mind that low-permeation tanks may become pressurized when exposed to any source of heat.
3. Do not store gasoline in accommodation area, enclosed machinery spaces, or enclosed bilges
4. All containers must be secured to prevent spilling

Diesel:

1. Store in an approved container
 - a. Diesel containers used aboard NOAA Small boats must be Department of Transportation approved containers, or Underwriters Laboratories (UL) or Factory Mutual (FM) approved safety cans.
2. Do not store diesel in accommodation area, enclosed machinery spaces, or enclosed bilges.

Lube oil & Hydraulic oil:

1. Store in manufacturer's original container, whenever possible
2. If moved to a secondary container, label new container in accordance with OSHA regulations
3. Store in a location that will not allow accidental release into the water

Cleaning Products:

1. Store in manufacturer's original container, or OSHA labeled secondary container
2. If moved to a secondary container, label new container in accordance with OSHA regulations
3. Store incompatible materials in separate locations. Common examples of incompatible materials are:
 - a. Acids and bases
 - b. Water-reactive substances (oxidizers) in wet locations

Paint

1. Store paint cans tightly sealed, upside-down so paint can form a seal around the lid
2. Store in a dry area, outside of direct sunlight, away from flame or sparks.

Safety can for oily rags

1. Store oily rags inside an approved galvanized safety can

Propane

1. Meet ABYC A-1 "Marine Liquefied Petroleum Gas Systems"
2. If the fuel supply line of an LPG system enters an enclosed space, a remote shutoff valve must be installed.
3. Cylinders must be always be secured, stowed in an upright position. Cylinders not currently in use must have valve caps in place
4. See 46 CFR 184.240 "Gas Systems"

Flammable Locker:

1. Any small boat carrying more than 25 gallons of combined flammable liquids must have a dedicated flammable locker.
2. See OSHA 1926.152(b)(1)