

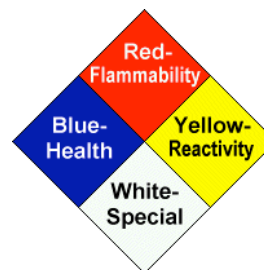


Sample NFPA Placard Biodiesel (B100)

A Material Safety Data Sheet (MSDS) is designed to provide both workers and emergency personnel with the proper procedures for handling or working with a particular substance.

The panel has four areas:

- **Red** - Fire hazard
- **Blue** - Health hazard
- **Yellow** - Reactivity
- **White** - Specific hazard



The numbers in the first three areas range from 0 to 4, with 0 signifying no hazard and 4 signifying a severe hazard. For example, in the **Reactivity** area:

- 0 = Stable
- 1 = Unstable if heated
- 2 = Violent chemical
- 3 = Shock or heat may detonate
- 4 = May detonate

In the **Fire hazard** area, the numbers indicate the flash point:

- 0 = Will not burn
- 1 = Above 200 degrees F (93 C)
- 2 = Below 200 degrees F
- 3 = Below 100 degrees F (38 C)
- 4 = Below 73 degrees F (23)

Concrete is an example of a class 0 fire hazard. Paper, wood and biodiesel are class 1.

In the **Health hazard** area:

- 0 = No hazard
- 1 = Slightly hazardous
- 2 = Hazardous
- 3 = Extremely hazardous
- 4 = Deadly

In the **Specific hazard** area, you will see things like:

- OXY - Oxidizer
- ACID
- ALK - Alkali
- COR - Corrosive

*A "W" with a bar through it (means "use no water")