

Safety Fact Sheet - Incompatible Chemicals

1. Why do we need to keep different chemicals separated (from each other)?

Some chemicals should not be mixed together. In fact, these chemicals should not even be stored near each other on the chance that an accident could occur and the chemicals could react. Be sure to keep incompatibilities in mind when reusing containers to store other chemicals.

2. Why these chemicals are dangerous when mixed or stored together?

This is because some seeming harmless chemicals will react with each other to produce very hazardous gases, may lead to fire and explosion or even cause serious environmental issues.

3. How do I know what chemicals are incompatible?

Such information is available from the Safety Data Sheet (SDS) provided by the manufacturer or supplier. That is one reason why the vendor is required by law to provide you the SDS.

Section	Description
7	Handling and Storage
9	Physical and Chemical Properties
10	Stability and Reactivity
13	Disposal Consideration

4. How else can I get information guides on chemical incompatibility for storage and transportation?

Each chemical during storage should be in such a manner that will not cause spillage. The container should be of sound construction.

Incompatibilities by Hazard Class

























1	 ACID		Acid Inorganic	2			Not Permitted
2	 ACID		Acid Oxidising	3			
3	 ACID		Acid Organic	4			
4	 BASE		Alkali (Bases)	5			
5	 		Oxidisers	6			
6	 		Poisons Inorganic	7			
7	 		Poisons Organic	8			
8			Water Reactive				
9	 		Organic Solvents				

Figure 1

