

## Summary:

Very few plants causes serious threat to certain animals (such as cats, dogs, or livestock) or certain types of people (such as infants, the elderly persons, ect.). Chemicals concentrated in the cells of roots, leaves, bark and seeds serve as the plant's defense against insect and animal attack. Some of these compounds can be toxic, especially if ingested or touched by humans and can, result in adverse reactions. To educate the student to be able to identify **poison** ivy and be familiar with preventives and treatments. After completing this lesson, the student should discuss with other about poisonous compounds.. Ricin toxin is found in the beans of **the castor plant**, *Ricinus communis*. It is one of the most lethal and easily produced plant toxins. Ricin can be in the form of a powder, mist, or pellet, or dissolved in water or weak acid. It is a very stable substance and is not affected by extremes in temperature