

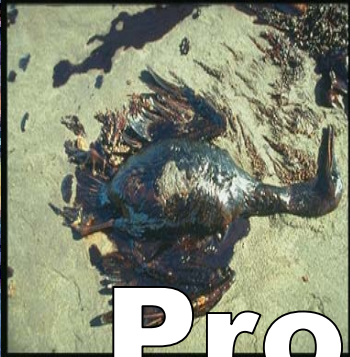
Prevention



EPA's Oil Spill Program

With an average of 114 billion gallons of crude oil and other petroleum products being imported to the U.S. each year to meet the huge demand for oil, the potential for a spill is considerable. The EPA's Oil Spill

Program is designed to prevent oil spills by setting standards for storage and conducting on-site inspections to ensure that measures are taken to prevent accidental discharge. This program has reduced the number of spills to less than 1% of the total volume handled each year.



Problem

Solution

Effects of Oil Spills

Oil contamination poses a threat to a complex food chain. Many organisms are seriously injured or even killed soon after exposure to the oil in a spill.

Effects of Vehicle Air Pollution

Air pollution is a growing problem in our world. It causes various health problems including:

- Causes respiratory problems such as asthma
- Impairs the body's immune system
- Reduces the release of oxygen to body tissues
- Increases a person's risk of cancer-related death
- Contributes to birth defects, low birth weights, and infant deaths, and harms blood vessels in healthy individuals.



MIXALCO

New technologies such as the MixAlco process are introducing alternative fuel sources. The process takes biomass such as energy crops, animal manure and municipal solid waste and converts it into usable alcohols for our needed fuels. The MixAlco process can produce up to 135 billion gallons of alcohol per year significantly reducing our need of overseas oil. This reduction will significantly reduce oil spills in the oceans. It will also reduce our air pollution by taking natural biomass and feeding it back into the atmosphere rather than harmful toxins from oil.

