

Pesticide poisoning and suggested therapies.

Some common brand name chemicals containing organophosphate compounds include Bidrin, Thimet, Orthene, Dursban, and Guthion. Common chemical names for organophosphate active ingredients include methyl parathion, ethyl parathion, malathion, and chlorpyrifos.

Organophosphate insecticides affect people in much the same way they affect insects -- the nervous system is damaged and breathing becomes difficult. Symptoms of acute organophosphate poisoning usually appear within 4 hours of the exposure. Common, early symptoms may include headache, nausea, and dizziness. The victim may also appear anxious and restless.

Later symptoms of a worsening condition are muscle twitching, weakness, abdominal cramps, and vomiting. Sweating, salivation, and tearing are often seen. Dark or blurred vision and constricted pupils are other symptoms that may occur. Tightness of the chest and coughing may lead to respiratory depression, or the lungs may fill with fluid. Either way, without immediate medical attention, the victim may die. Two antidotes doctors use for treating organophosphate poisonings are atropine and 2-PAM. Large doses of the antidote may be needed for a severe poisoning, and follow-up doses may need to be given for several hours to several days.

After-effects of a severe poisoning can last 1 to 3 weeks after the initial exposure. Some effects may last 1 to 3 months. The full long-term health effects of continued exposure to low doses over time are not well understood. It is suspected they might cause anorexia and weakness. –Mississippi State Extension Service

Ingredients in LBAM

butylated hydroxytoluene (World Health Org): Butylated hydroxyanisole (E 320) & Butylated hydroxytoluene (E 321) are two antioxidants listed as possible cancerogenic substances, according to WHO's cancer research

tricaprylyl methyl ammonium chloride, Potential Acute Health Effects: (from MSDS data)

Extremely hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation (lung irritant). Hazardous in case of skin contact (corrosive, permeator). Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

polyvinyl alcohol: (MSDS data) Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

sodium phosphate. Immediate effects: Inhalation of this product maybe irritating to nose and throat, causing coughing and choking. Ingestion of large amounts may cause diarrhea, nausea, vomiting and cramps. It may cause eye and skin irritations. **Potential health effects:** Primary Routes of entry: Inhalation, ingestion or skin absorption. Signs and Symptoms of Overexposure: Dermatitis may develop from repeated or prolonged skin contact. Eyes: Irritating. Skin: Irritating. Ingestion: Nausea and vomiting. Inhalation: Irritates the nose and throat and may cause coughing and chest discomfort. Chronic Exposure: Dust may aggravate existing pulmonary conditions and/or asthma. Chemical Listed As Carcinogen Or Potential Carcinogen:

Allopathic recommendations for pesticide poisoning

From: American Assn of Family Practice

Skin decontamination is accomplished with a shower using soap, large amounts of water, and shampoo. Skin folds, areas underneath fingernails, ear canals, and other portions of the body that may trap chemicals should be inspected and cleaned carefully. Contact lenses should be removed, so the eyes can be inspected and irrigated thoroughly if exposure is suspected. Contaminated clothing should be removed, bagged, and laundered carefully. Leather items usually cannot be decontaminated and should be bagged and treated as hazardous waste. –

Gastric lavage

Consider if patient presents within 60 minutes of ingestion.

Insert orogastric tube.

Attempt aspiration first, followed by 100 to 200 mL normal saline, then aspiration.

Relatively contraindicated in hydrocarbon ingestion

It is indicated only when potentially life-threatening amount of poison is ingested and the procedure can be done within 60 minutes of ingestion.

Cathartics

Used only in combination with activated charcoal

Sorbitol (1 to 2 mL/kg or 70 percent solution in adults, 1.5 to 2.5 mL/kg of 35 percent solution in children)

Single dose only

Not recommended in poisonings that produce diarrhea (organophosphates, carbamates, heavy metals in particular) or those that produce ileus (paraquat and diquat)

If it is used, it should be as a single dose. Numerous contraindications: absent bowel sounds, abdominal trauma or surgery, intestinal perforation or obstruction, volume depletion, hypotension, or ingestion of a corrosive substance.

Activated charcoal

Used in conjunction with a cathartic if patient presents within 60 minutes of ingestion. (Some authorities would use beyond 60 minutes if serious poisoning is suspected.)

Dose: Adults and children >12 years, 25 to 100 g in 300 to 800 mL water; children <12 years, 1 gm/kg in 300 mL water

Dose may be repeated in 2 to 4 hours if bowel sounds are present.

Antiemetic suppository for nausea

Activated charcoal should not be used routinely in management of poisoned patients. Charcoal appears to be most effective within 60 minutes of ingestion and may be considered for use for this time period. There is insufficient evidence to support or deny its use beyond 60 minutes after ingestion.

Syrup of ipecac

No longer indicated for routine use

Dose: adults and children >12 years, 15 to 30 mL followed by 240 mL water; children <12 years, 15 mL preceded or followed by 120 to 240 mL water; infants six to 12 months of age, 5 to 10 mL preceded or followed by 120 to 240 mL water

Dose may be repeated in all age groups if emesis does not occur within 20 to 30 minutes.

Contraindicated in patients with diminished airway protective reflexes, ingestion of hydrocarbons with aspiration potential, ingestion of a corrosive substance, or ingestion of a substance for which advanced life support may be necessary within the next 60 minutes.

If it is used, it should be administered within 60 minutes of ingestion. Considered only in alert patients who have ingested a potentially serious toxin. Same contraindications as listed above.

Human Immune support and detox with natural supplements:

Zeolite Pure Powder

Helps to detox your body and boost your immune system to protect the body from harmful EMF waves. Zeolite is an amazing crystalline mineral capable of adsorbing and absorbing many different types of gases, moisture, petrochemicals, heavy metals, low-level radioactive elements and a multitude of various solutions. The channels in the zeolite provide large surface areas

on which chemical reactions can take place. The cavities and channels within the crystal could occupy up to 51 % of its volume. Zeolites can adsorb or absorb large amounts of material such as ions or gas molecules.

<http://www.longlifecatalogs.com/SHOP/STORE/viewItem.asp?idProduct=351>

Electrolyte supplementation

Electrolytes are the basis of good health. They are used in the maintenance and repair of all tissue especially when attacked by free radicals caused by toxins, pesticides and stress. They are the basis of every physical and neurological function. They maintain osmotic equilibrium, the internal water balance that enables muscles and nerves to contract and expand and wounds to heal. Necessary for rehydration after exercise, these trace minerals are easily absorbed due to their tiny size. The 12 mineral formula used in Trace-Lyte and electroBlast balances pH and supports the immune system in the face of assault and trauma. You need a good multi-electrolyte supplement. Sodium and potassium found in most sports drinks do not make electrolytes. www.electroblast.com

Polysaccharide Peptides

Rice grain grown under optimal conditions has top quality nutrients. These nutrients will enhance good cellular energy for DNA cell repair and cellular regeneration. It will regulate a state of balance for blood sugar, cholesterol, triglycerides, blood pressure, body temperature, electrolytes, and pH. Conditions treated with PSP are: ADD, cerebral palsy, chronic fatigue, goiter, migraines, overweight conditions, Parkinson, stroke and Tourette. Containing all naturally occurring, functional nutrients necessary to boost the cellular rejuvenation and healing power processes, it enhances glucose uptake in the cells to promote cellular repair and regeneration. The cells have more energy to metabolize nutrients and get rid of toxins and waste and repair damaged cells. When cells are healthy there is an increase of energy, stronger immune system and strong cardio-vascular systems. With the proper nutrients, there is good energy for the DNA to start functioning again at a higher level. PSP is a nutritional aid for enhancing the brain, learning and memory functions. It is all-natural food product, therefore is safe to be taken with other medications or taken singly. PSP contains no chemicals, drugs, added colors, fillers, binders, additives and preservatives. PSP does not contain genetically modified organisms. It is a non-GMO product.

<http://www.longlifecatalogs.com/SHOP/STORE/viewItem.asp?idProduct=75>

Glutathione precursor (the ultimate antioxidant destroying environmental poisons)

Our cells are constantly under attack by free radicals, which can cause a reduction of our cells' ability to function optimally. Not all antioxidants can sufficiently match up with all types of free radicals. The great news about glutathione is that regardless of the type of free radical, glutathione has the ability to properly match up and neutralize it, thus increasing cellular protection and function. Glutathione is the most powerful, prevalent antioxidant in your body. Increasing your glutathione level will naturally increase your energy, detoxify your body and strengthen your immune system. Supplements Containing Glutathione Alone Will NOT Increase The Body's GSH Levels. It is pointless to purchase supplements that merely contain

glutathione, because the digestive system breaks down ingested glutathione and it will not be absorbed into your system. Our supplement of choice, MaxGXL™ provides the proper nutrients needed to promote the body's own ability to manufacture and absorb glutathione. MaxGXL™ also aids in liver support by destroying environmental poisons helping the liver to function as the main production site and storehouse for glutathione.

<http://www.longlifecatalogs.com/SHOP/STORE/viewItem.asp?idProduct=443>

Animal Support:

Minerals: Most pets are mineral deficient because we give them either filtered tap water or bottled water. Well water is OK but not everyone has a well. When minerals are in short supply in the body it cannot function properly and the immune system becomes compromised. This can cause a breakdown in defenses when battling assailants such as chemicals. We give our animals homeopathic-like minerals in their water and their food (if they don't drink a lot) and it has kept them pretty healthy so far with our oldest cat being 20.

<http://www.longlifecatalogs.com/SHOP/STORE/viewItem.asp?idProduct=28>

Enzymes: Since most pets are given cooked (canned or dry) food they are using up their body's natural stores of enzymes to digest this food. If left in the wild they would hunt live raw food. We compromise their immune systems in time by giving them cooked food and it is absolutely necessary to reinforce their systems by giving them supplemental enzymes. This will help keep their immune system strong and better equip them to fight off free radicals that are generated by pesticides and chemicals.

<http://www.longlifecatalogs.com/SHOP/STORE/viewItem.asp?idProduct=80>

Pesticide poisoning symptoms for animals:

- Anexoria
- Breathing problems
- Convulsions
- Depression
- Diarrhea
- Foaming at the mouth
- Irritability
- Nervousness
- Seizures
- Stiffness
- Vomiting

Antidote:

If your pet has any of the above symptoms immediately contact the National Animal Poison Control Center 888-426-4435 and your local vet.

Some antidotes they may suggest: atropine (Vet dispensed), activated charcoal, homeopathic Nux Vomica 30C.

In the meantime, keep the animal warm and rush them to the Vet. Take with you in a plastic bag any suspected toxin (sprayed plant, chemical spill, etc.)

Recommended reading for natural healing:

Super Nutrition for Dogs n Cats

The Secrets of Staying Young

New Hope for Serious Diseases: The healing power of glutathione

A Doctor in Your Suitcase

Live Disease Free

www.safegoodspub.com