

Examples of Pesticide Active Ingredients Responsible for Poisonings

For **accurate treatment** and **reporting** of pesticide poisonings, it is important to find out the **active ingredient of the pesticide**—found on the **label**. If there is **no label**, use the **point chart** for potential active ingredients.

Organophosphates:

Methyl Parathion
Ethyl Parathion
Malathion
Diazinon
Fenthion
Dichlorvos
Chlorpyrifos
Trichlorfon

Anticoagulants:

Brodifacoum
Difethialone
Chlorofacinone
Coumachlor
Difenacoum
Diphacinone
Warfarin

Pyrethroids:

Allethrin
Bifenthrin
Cypermethrin
Permethrin
Deltamethrin

Organochlorines:

Lindane (lice shampoo)

Carbamates:

Aldicarb
Carbofuran
Oxamyl
Methomyl
Formetanate
Methiocarb
Aminocarb
Mecarbam
Bendiocarb
Propoxur

Herbicides:

Glyphosate
Atrazine
Nicosulfuran
Fenoxaprop
Alachlor
Pendimethalin
Halosulfuran-Methyl
Paraquat
Triclopyr
Clopyralid
Picloram

N,N-Diethyl-meta-toluamide
(**DEET**—mosquito repellent)

Improving Notification of Pesticide Poisonings

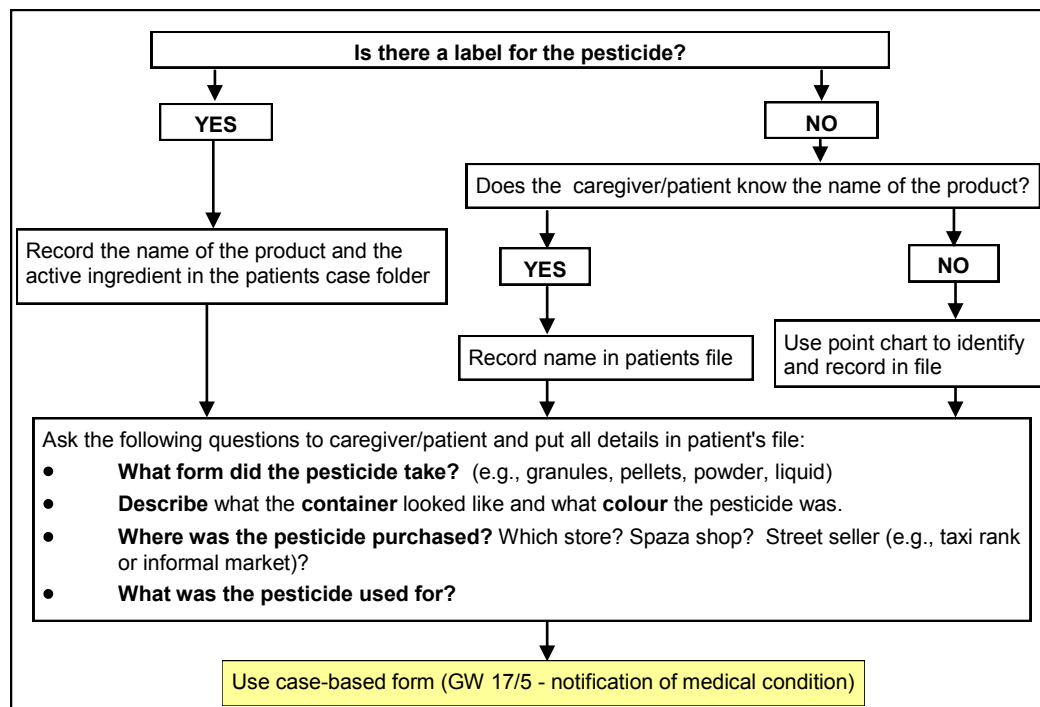
PURPOSE: This document is intended to assist health care professionals and environmental health practitioners in identifying the pesticide involved in suspected pesticide poisoning cases so as to improve on notification.

IDENTIFYING TYPE OF PESTICIDE(S) INVOLVED

The first health care professional to come into contact with a patient presenting with pesticide poisoning is required by law to notify the Department of Health (<http://www.doh.gov.za/docs/dns-f.html>).

Notify ALL pesticide poisonings regardless of the active ingredient. Do not report ONLY organophosphate poisonings.

Identify the pesticide involved and provide detailed information in the patient's file. Use the flow chart below:



Record all information in as much detail as possible so the National Department of Health (NDOH) can monitor the occurrence of pesticide poisonings, develop and implement intervention strategies and scrutinize the strategies effectiveness

For recognition and treatment of pesticide poisonings

<http://www.epa.gov/opp00001/safety/healthcare/handbook/handbook.htm>

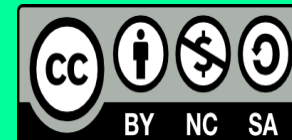


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POISON INFORMATION CENTRES :

- Red Cross Children's Hospital Poison Info Centre: (021) 689 5227
- Tygerberg Poison Info Centre: (021) 931 6129
- Bloemfontein Poison Control Centre: 082 491 0160



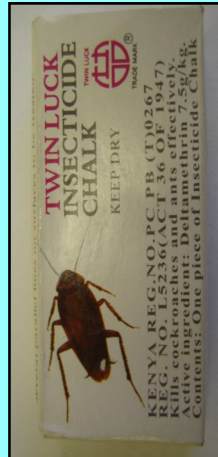
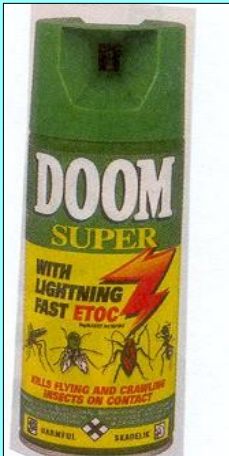
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POINT CHART

WHAT DID THE PESTICIDE LOOK LIKE?

Ask patient/caregiver to point to product involved

PYRETHROIDS



ANTICOAGULANTS



Difethialone

ORGANOPHOSPHATES:

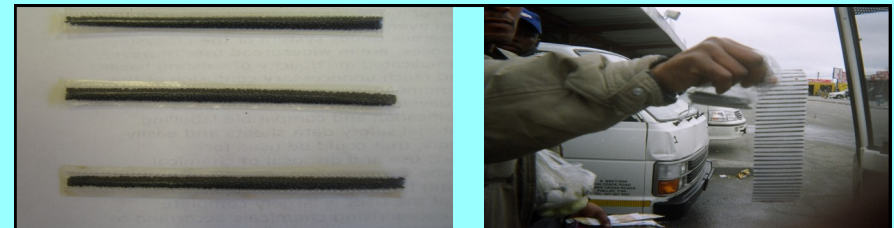


Clear/Yellow=potentially methamidophos
White=potentially chlorpyrifos



Acephate

CARBAMATE:



Aldicarb

ANTICOAGULANT



Brodifacoum

NAPHTHALENE

