

Fats and hydrocarbures

•How it reaches the sea?

•Fats: They reach the sea through drains, by flushing the oil through the pile, by ship accidents and from the industries.

•Hydrocarburs: Principally, it spills by ship accidents or oil tank platform explosions.



How to eliminate hydrocarburs and fats?

•Hydrocarburs: There are many methods to eliminate the hydrocarburs.

1 Containment and collection: It uses barriers of containment specially designed for this use, this barrier encircles the stain for evitate that the hydrocarburs exceeds this limits. Fibres absorvents: They are plastic materials with the propriety of absorb the hydrocarburs.

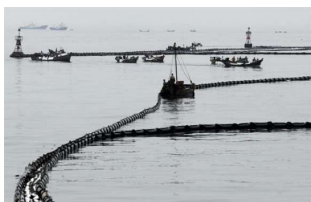
2 Chemicals dispersants: They help to the dispersion of the petroleum, they broke the petroleum in small drops for the bacterias can digest better. From planes: planes specially for this missions they are responsible for pulverise the chemical dispersants

3 Bacterias: The bacterias transform molecules of hydrocarburs in an emulsion of fatty acids and they die when don't find more hydrocarburs for ingest.

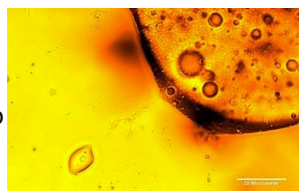
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•Wich effects have them?

•Fats: It makes that the organisms can't take oxygen, and then, they die.

•Hydrocarburs: They affect to marine organisms and they destroy the alimnts at marine bottom. They are also the cause of the black tide. Black tide is the oil mass that is created when a large oil spill occurs in the marine environment. The causes of mortality among the living beings that inhabit an area affected by a spill are the lack of light, suffocation, when stopping breathing, hunger, paralysis when animals are immobilized, poisoning and cold, in the case of birds, which lose the ability to waterproof their feathers.



•How to prevent fats from reaching the sea?

-Don't pour oil in the sink, do you have to bring the oil to the oil containers. In Alaquas we have two oil containers: one in the street of "Correos" and in the market.

-Don't pour sewage contaminated by oil to the sewer, unless you have an adequate treatment system

•Things we can do:

-We think that in order to people not to throw the oil in their sinks we should put more of these containers and put posters for the people can see where are the container



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