

what is the white phosphorus ?

It is consists of four phosphorus atoms bonded together in a distinctive chemical structure. The arrangement of these atoms can disrupt the balance and alter its chemical properties , that leading to the formation of a substance that is waxy And it is called **White Phosphorus**



Their effect on the dermas

as soon as it touches the skin's surface, can cause second and third-degree burns within minutes, reaching deep into the tissues and bones.

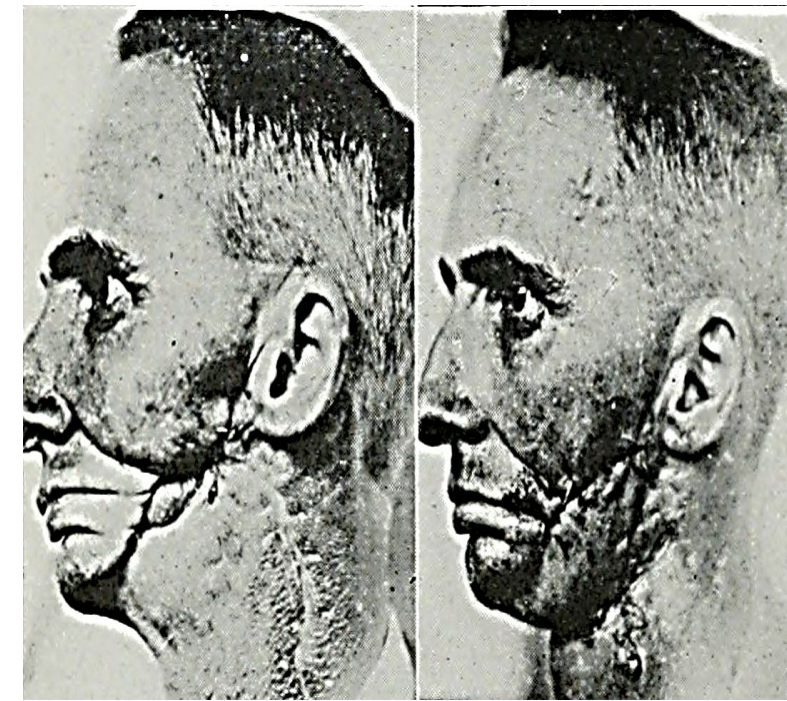
white phosphorus could cause

1. Thermal burns
2. chemical burns .



Long term effect in the human body

1. Deformities and scars .
2. Difficulties in movement .
3. Trauma and psychological disorders.



Summary

White phosphorus is a chemical compound made of four phosphorus atoms bonded together, resulting in a waxy substance. Upon contact with skin .

Their effect in Ocular

as soon as it Exposure to phosphorus oxides causes eye irritation and blepharospasm, photophobia, and lacrimation



effect on the Raspatory system

Breathing in smoke from white phosphorous can cause:

1. respiratory tract irritation
2. fluid accumulation in the lungs



Reference

- <https://www.hsph.harvard.edu/nutritionsource/phosphorus/>
- <https://www.rcseng.ac.uk/library-and-publications/library/blog/phossy-jaw-and-the-matchgirls/>