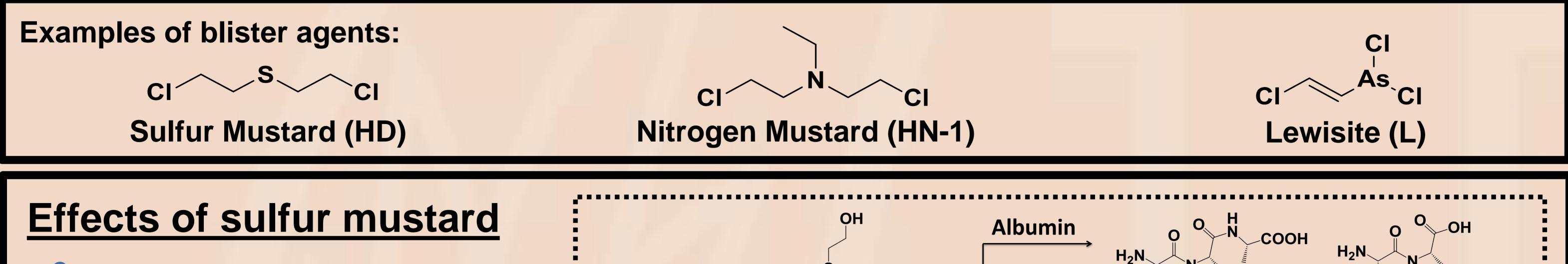
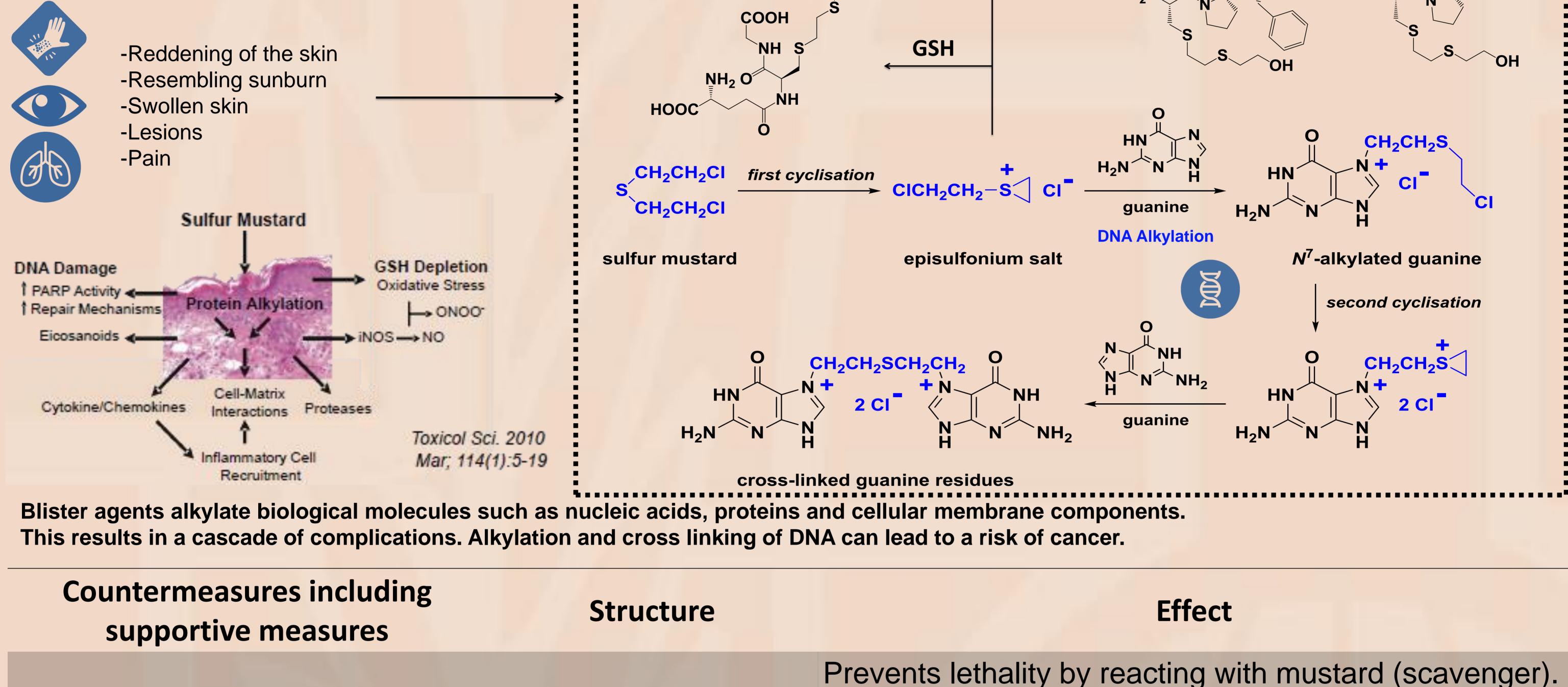


ORGANISATION FOR THE Working Together For a World Free of Chemical Weapons PROHIBITION OF CHEMICAL WEAPONS

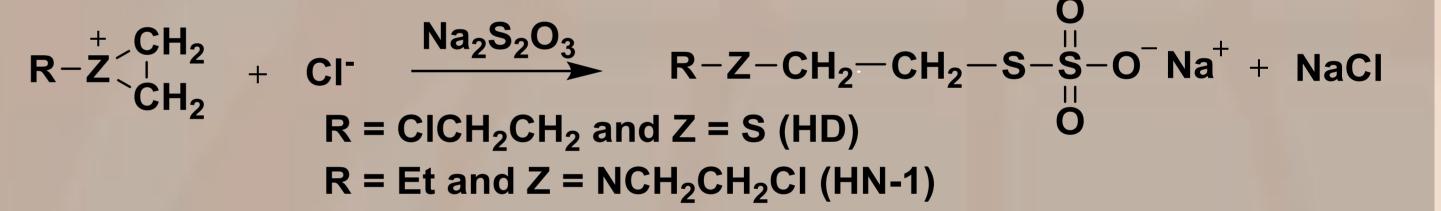
Blister Agents and their Countermeasures





Sodium Thiosulfate (administered intravenously)





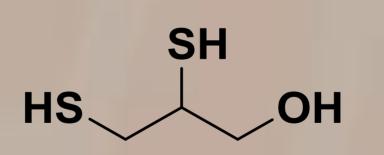
Reactive Skin Decontamination Lotion – RSDL

A Mixture of Dekon 139 and 2,3, butanedione monoxime (DAM) in a polyethylene glycol monomethyl ether (MPEG) and water solvent system (also works as a countermeasure against Commercially organophorphorus agents). available, www.rsdl.com.

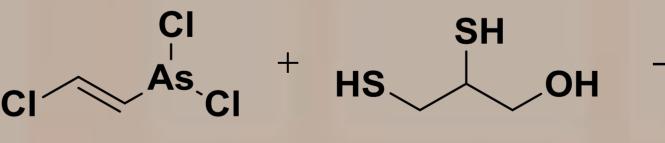


Prevents dermal absorption and rapidly neutralizes the vesicant chemical

BAL (British Anti Lewisite) (administered intramuscularly)



Chelating agent that binds to Lewisite to form a water soluble complex.

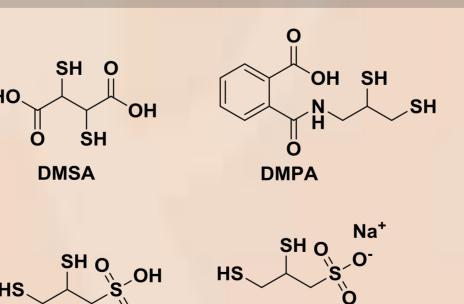


BAL Lewsite

5 membered ring complex

2 HCI

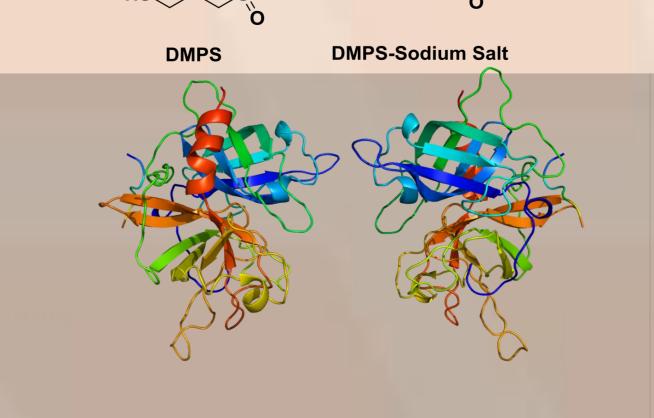
DMSA DMPS **DMPA DMPS-Sodium Salt**



These chelating agents bind to Lewisite to form water soluble complexes. HOOC

(used for Lewisites)

Tissue plasminogen activator (tPA) (Experimental therapeutic, administered intravenously) Am J Respir Cell Mol Biol. 2013 Apr; 48(4): 439-447



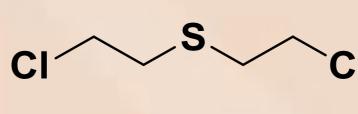
HOOC

Diminishes airway obstructive fibrin-containing casts; this improves clinical respiratory distress, pulmonary gas exchange and tissue oxygenation.

Sodium Hypochlorite Can be used as a skin decontaminant. However, it is not a recommended treatment due to caustic properties.

NaOCI

Oxidizes (and inactivates) blister agents.



Oxidizing agent

www.opcw.org



The effects of blister agents appear within minutes of exposure. To minimize injury, decontaminate immediately!