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**A REVIEW ABOUT DIPHOTERINE® THE SOLUTION FOR EMERGENCY  
DECONTAMINATION OF CHEMICAL SPLASHES**

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The diverse range of chemicals currently being used throughout industry present a significant potential hazard to health when personnel become contaminated as a result of accidental splashes. The need to use a polyvalent and active rinsing solution becomes more and more necessary.

Diphotérine®<sup>1</sup> is a non toxic and emergency first aid rinsing solution for eye/skin chemical splashes made by PREVOR Laboratory. Using its physical and chemical properties, Diphotérine® is able to stop and absorb the aggressiveness of a wide spectrum of chemicals. The emergency use of Diphotérine® will avoid any sequelae.

Here we present the results obtained with the emergency use of Diphotérine® in French, German and Swedish industries on about 300 cases of corrosive splashes such as concentrated sodium hydroxide or sulfuric acid. Using Diphotérine® as a first aid rinsing solution allows to minimise or suppress secondary care, loss of work and completely avoids the sequelae for exposed workers. A statistical study compared the rinsing with water and Diphotérine® and showed significant difference ( $p < 0.05$ ) in favour of Diphotérine® in terms of safety and reliability of the first aid rinsing.

Diphotérine® is an efficient alternative for the emergency decontamination of ocular and cutaneous chemical splashes.

**References**

[1] Langefeld-S; Blomet-J; Mathieu-L; Schrage-N; Kompa-S; Tympner-J (1999) Toxicology Letters 109/Suppl 1 97-98

**Keywords**

Diphotérine, chemical, burn