



## D-TAM Skin Cleanser Cat. Nos. 769-5001 and 769-5011 D-TAM Gold Skin Cleanser Cat. Nos. 769-5002 and 769-5021 and Skin Decontamination Selection Guide

Laboratory studies have shown that solubility is key to effective removal of chemicals from the skin. D-TAM Skin Cleanser and D-TAM Gold are formulated with nontoxic biodegradable solvents that gently solubilize chemical contaminants on the skin and rinse off clean with water. These unique formulations of high molecular weight materials will not enhance chemical absorption into the body.

D-TAM products cover a broad spectrum of chemical solubilities ranging from semipolar compounds that are somewhat soluble in water to highly oil-soluble (lipophilic) chemicals. *See the Skin Decontamination Selection Guide below to find the D-TAM product recommended for your application.* The guide recommendations are made according to Log  $K_{ow}$ , which is the ratio of the concentration of a solute between water and octanol (a well-known property) commonly used as a measure of the relationship between lipophilicity (fat solubility) and hydrophilicity (water solubility) of a substance. As shown in the scale below, substances with a Log  $K_{ow}$  value **greater than 1 are more soluble in fat-like solvents**, such as n-octanol, and require a cleanser containing a formulation that successfully removes such substances. Substances with a Log  $K_{ow}$  value **less than 1 are soluble in water**.



### Cleaning and Decontamination

*Limited shelf-life: Check expiration date on packaging.*

- DO NOT WET SKIN. Apply D-TAM directly to contaminated skin. Rub gently to work up a white lather. Rinse thoroughly with lukewarm water and pat dry.
- Retest with appropriate Skin SWYPE to verify decontamination is complete.
- Repeat Steps 1 and 2 if necessary. D-TAM is most effective in reducing skin absorption when used promptly after chemical exposure occurs.

### Skin Decontamination Selection Guide

#### SKC Recommendations According to Log $K_{ow}$

Chemical	Log $K_{ow}$	Water	D-TAM	D-TAM Gold
Dimethylformamide	-1.01	√		
Methanol	-0.77	√		
Acetonitrile	0.34	√		
Acrylic acid	0.35	√		
Benzene	2.13		√	
Toluene	2.73		√	
1,1,2,2 Tetrachloroethane	2.93		√	
Cyclohexane	3.44		√	
Hexane	3.90			√

### SKC Limited Warranty and Return Policy

SKC products are subject to the SKC Limited Warranty and Return Policy, which provides SKC's sole liability and the buyer's exclusive remedy. To view the complete SKC Limited Warranty and Return Policy, go to [skcinc.com/warranty](http://skcinc.com/warranty).