



Navy Entomology Center of Excellence



DoD Skin Repellents

The following repellent products are intended for use on exposed skin and not for treating uniforms. Check with your command and AOR policies for specific repellent guidance.



Formulation	*Lotion	**Lotion	Lotion	Pump Spray	Pump Spray
Brand Name	3M™ Ultrathon™	Sunsect® 15 SPF	Sawyer® Ultra 30™	Cutter®	Natrapel™
National Stock Number	6840-01-284-3982	6840-01-288-2188	6840-01-584-8393	6840-01-584-8598	6840-01-619-4795
Packaging	(12) 2-oz tubes	(12) 2-oz tubes	(12) 2-oz tubes	(12) 6-oz bottles	(12) 1-oz tubes
Active Ingredient	DEET - 34.3%	DEET - 20%	DEET - 30%	DEET - 23%	Picaridin-20%
Protection Time	6-12 hours	Not listed on label	4-11 hours	Up to 10 hours	Not listed on label

***THIS IS THE MILITARY SKIN REPELLENT OF CHOICE.** Laboratory testing shows this product provides 6 hours of at least 95% protection against a variety of mosquito species in a tropical environment, 10 hours in a hot, dry environment, and 12 hours in a forested/wet environment.

**This item is intended solely for use as a component of survival kits.

For more information, contact your [cognizant NEPMU](#) or the [Navy Entomology Center of Excellence](#) (904-542-2424), or reach out to your preventive medicine authority.

Sources: Personal Protective Measures. AFPMB TG No. 36 <http://www.afpmb.org/sites/default/files/pubs/techguides/tg36.pdf>

For DEET risk information see: <http://www.afpmb.org/sites/default/files/pubs/dwfp/publications/FY08/Peterson/Antwi%20et%20al.%202008.pdf>