

<b>Product Name:</b>	Permethrin
<b>Product Number:</b>	P106
<b>CAS Number:</b>	52645-53-1
<b>Molecular Formula:</b>	$C_{21}H_{20}Cl_2O_3$
<b>Molecular Weight:</b>	391.29
<b>Description:</b>	<p>Permethrin is a widely-used pyrethroid insecticide. It is used in agriculture to protect livestock and crops, industrially to protect buildings, timber and aircraft, and pharmaceutically in the treatment of lice, scabies, and in the veterinary treatment of fleas and ticks. Permethrin is a neurotoxin that affects insects much more than mammals.</p> <p>Permethrin is soluble in water and organic solvents.</p> <p>This product is considered a dangerous good. Quantities above 1 g may be subject to additional shipping fees. Please contact us for specific questions.</p>
<b>Mechanism of Action:</b>	Permethrin modifies the function of the nervous system by affecting the sodium channels in the cellular membrane.
<b>References:</b>	Permethrin Facts (Reregistration Eligibility Decision (RED) Fact Sheet). (2006, June). Retrieved from <a href="https://www3.epa.gov/pesticides/chem_search/reg_actions/reregistration/fs_PC-109701_1-Jun-06.pdf">https://www3.epa.gov/pesticides/chem_search/reg_actions/reregistration/fs_PC-109701_1-Jun-06.pdf</a>