

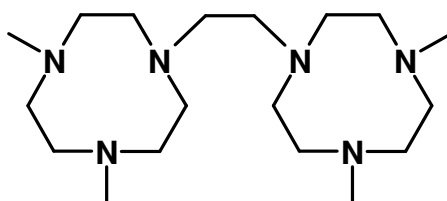
**PEGASUS LIGAND**  
PRODUCT DATA SHEET

November 2018 / Version 3.0

Company Confidential

<b>Chemical Formula</b>	C <sub>18</sub> H <sub>40</sub> N <sub>6</sub>
<b>IUPAC name</b>	1,2-bis(octahydro-4,7-dimethyl-1 <i>H</i> -1,4,7-triazonine-1-yl)ethane
<b>Other Names</b>	TMEM
<b>CAS Number</b>	151558-50-8

**Structure**



<b>Appearance</b>	Straw yellow liquid
<b>Active Content</b>	> 90 % (by GC)
<b>Main characteristics</b>	Pegasus Ligand is an organic amine-based ligand that can bind to manganese ions to yield a powerful oxidation catalyst that in conjunction with hydrogen peroxide under alkaline conditions furnishes high oxidation and bleaching activity of a variety of substrates.
<b>Solubility in water</b>	Soluble
<b>Applications</b>	Precursor that upon binding to manganese gives a catalyst for raw cotton bleaching, wood pulp bleaching, degradation of dyes from waste water processes, domestic & industrial laundry.
<b>Packing</b>	25 kg drums
<b>Storage</b>	It is advised to store at 4°C under a nitrogen atmosphere. Shelf life of 1 year when stored at these conditions. Storage at higher temperature may result in slight discoloration. Exposure to air may lead to the formation of dark oil which will settle out of the product
<b>Further information</b>	For transport, handling and first aid instructions please refer to the Safety Data Sheet, which is available on request

For samples and/or additional information, please contact [enquiries@catexel.com](mailto:enquiries@catexel.com).