

## Evaluation Report for Category B, Subcategory 1.3 Application

**Application Number:** 2011-2017  
**Application:** New/Changes TGAI IPS product chemistry specifications  
**Product:** WSCP Liquid Microbicide  
**Registration Number:** 18605  
**Active ingredients (a.i.):** Poly[oxyethylene(dimethyliminio) ethylene(dimethyliminio) ethylene dichloride] / slimicide  
**PMRA Document Number:** 2165041

### Purpose of Application

Buckman Laboratories of Canada Ltd. submitted an application to update chemistry product specifications for the ISP.

### Chemistry Assessment

**Common Name:** Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]  
**IUPAC Chemical Name:** *N,N,N',N'*-Tetramethylethane-1,2-diamine polymer with 2,2'-dichloro-1,1'-oxydiethane  
**CAS Chemical Name:** Poly[oxy-1,2-ethanediyl(dimethyliminio)-1,2-ethanediyl(dimethyliminio)-1,2-ethanediyl chloride]

WSCP Liquid Microbicide has the following properties:

Property	Result
Colour and physical state	Pale yellow liquid
Nominal concentration	60%
Odour	Fishy, pungent, soapy
Density at 25°C	1.15 g/mL
Vapour pressure at 20°C	14.4 hPa
pH	6 - 8
Solubility in water	Completely soluble
n-Octanol/water partition coefficient	Log K <sub>ow</sub> = < -1.3 at 25°C

The chemistry requirements for WSCP Liquid Microbicide have been completed.

### **Health, Environmental and Value Assessments**

Health, environmental and value assessments were not required for this application.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, WSCP Liquid Microbicide, and has found the information sufficient to update chemistry product specifications for the ISP.

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