



## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2017-7839  
**Application:** New TGAI Product Chemistry, New Source Same Registrant  
**Product:** Picloram Technical Herbicide  
**Registration Number:** 19565  
**Active ingredient (a.i.):** Picloram  
**PMRA Document Number:** 2994135

### Purpose of Application

The purpose of this application was to add a new manufacturing site for the technical product, Picloram Technical Herbicide.

### Chemistry Assessment

Common Name: Picloram  
IUPAC\* Chemical Name: 4-amino-3,5,6-trichloropyridine-2-carboxylic acid *–or–*  
4-amino-3,5,6-trichloropicolinic acid  
CAS† Chemical Name: 4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Picloram Technical Herbicide has the following properties:

Property	Result
Colour and physical state	White to brown solid
Nominal concentration	94.7%
Odour	Chlorine-like
Density	0.75 – 1.0 g/mL
Vapour pressure	$8 \times 10^{-5}$ mPa
pH	2 – 4
Solubility in water	560 mg/L
n-Octanol/water partition coefficient	$\log K_{ow} = -1.92$ at pH 7

The required chemistry data for Picloram Technical Herbicide have been provided, reviewed, and found to be acceptable.

### **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, and has found it sufficient to support the addition of the new manufacturing site for Picloram Technical Herbicide.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2833416	2016, APPLICANT'S NAME AND OFFICE ADDRESS, DACO: 2.1,2.2 CBI
2833417	2017, SPECIFICATIONS, DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12,2.12.1,2.13,2.13.2 CBI
2833418	2007, BATCH DATA, DACO: 2.13.3 CBI
2913410	2018, APPLICANT'S NAME AND OFFICE ADDRESS, DACO: 2.1,2.2 CBI
2913411	2018, SPECIFICATIONS, DACO: 2.12 CBI
2913412	2018, METHODOLOGY/VALIDATION, DACO: 2.13.1 CBI
2913413	2018, BATCH DATA, DACO: 2.13.3 CBI
2913414	2018, IMPURITIES OF TOXICOLOGICAL CONCERN, DACO: 2.13.4 CBI

ISSN: 1911-8082

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