

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2020-1945  
**Application:** New TGAI Product Chemistry, New Source Same Registrant  
**Product:** LIQUIBROM4600T  
**Registration Number:** 34221  
**Active ingredient (a.i.):** Sodium Bromide  
**PMRA Document Number :** 3258648

### Purpose of Application

The purpose of this application was to register a new technical product, LIQUIBROM4600T.

### Chemistry Assessment

Common Name: sodium bromide  
IUPAC\* Chemical Name: sodium bromide  
CAS† Chemical Name: sodium bromide (NaBr)

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

LIQUIBROM 4600T has the following properties:

Property	Result
Colour and physical state	Clear colourless liquid
Nominal concentration	46 %
Odour	Odourless
Density	1.5 g/mL
Vapour pressure	Similar to water
pH	6-8
Solubility in water	94.32 g/100 mL for pure sodium bromide
n-Octanol/water partition coefficient	Not applicable – inorganic salt

The required chemistry data for LIQUIBROM 4600T 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 registration of LIQUIBROM 4600T.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3122076	2020, Chemistry/Product Overview, DACO: 2.1,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI
3122077	2020, Manufacturing Method for the TGAI, DACO: 2.11.1,2.11.2,2.11.3,2.11.4 CBI
3122078	2020, Establishing Certified Limits, DACO: 2.12.1 CBI
3122080	2020, 5-Batch Analysis of a 46% Sodium Bromide Solution, DACO: 2.13.2,2.13.3,2.14.15,2.14.6,830.7000 CBI
3122081	2020, Phys/Chem Properties - see PCP 24703 for original studies, DACO: 2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.15,2.14.2,2.14.3,2.14.4,2.14.5,2.14.6,2.14.7,2.14.8,2.14.9,830.7000 CBI
3225968	2021, Clarification Response, DACO: 2.11,2.14 CBI
3225969	2021, Max Concentration of [CBI REMOVED] in Final Product NaBr, DACO: 2.11.2 CBI

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