

Form 2

Methyl Bromide Critical Use Nomination for Structures (excluding food processing structures).

SUMMARY PAGE

NOMINATING PARTY:

Republic of South Africa (RSA)

NAME AS PER NAMING CONVENTION, Para 3.5.2 of Handbook

RSA STRUCTURE CUN 2021 NOMINATION

BRIEF DESCRIPTIVE TITLE OF NOMINATION:

Fumigation of structures in South Africa for the eradication of wood destroying insects of economic significance.

STRUCTURE, COMMODITY OR OBJECT TREATED:

Building structures containing timber infested by wood destroying insects.

QUANTITY OF METHYL BROMIDE REQUESTED IN EACH YEAR OF NOMINATION:

Thirty five (35) tonnes of 100% Methyl Bromide (MB) formulation only.

REASON OR REASONS WHY ALTERNATIVES TO METHYL BROMIDE ARE NOT TECHNICALLY AND ECONOMICALLY FEASIBLE:

Profume has been registered, training sessions have commenced and are now in the commercialisation phase thereof. Concerns have been raised as to whether the substitute is technically and economically feasible.

(Details on this page are requested under Decision Ex. I/4(7), for posting on the Ozone Secretariat website under Decision Ex. I/4(8))

LIST OF DOCUMENTS SENT TO THE OZONE SECRETARIAT IN OFFICIAL NOMINATION PACKAGE

List all paper and electronic documents submitted by the Nominating Party to the Ozone Secretariat.

1. PAPER DOCUMENTS: Title of paper documents and appendices	No. of pages	Date sent to Ozone
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		Secretariat
2. ELECTRONIC COPIES OF ALL PAPER DOCUMENTS: *Title of each electronic file (for naming convention see notes above)	No. of kilobytes	Date sent to Ozone Secretariat

* Identical to paper documents

Part A: INTRODUCTION

1. NOMINATING PARTY AND NAME AS PER NAMING CONVENTION, Para 3.5.2 of Handbook:

RSA STRUCTURE CUN 2021 NOMINATION

2. DESCRIPTIVE TITLE OF NOMINATION

< 15 words:

Fumigation of structures: Eradication of wood destroying insects of economic significance mainly along coastal areas.

3. SITUATION OF NOMINATED METHYL BROMIDE USE

e.g. food processing structure, commodity (specify)):

Structures infested with wood destroying insects, in the affected regions of the Republic of South Africa.

4. METHYL BROMIDE NOMINATED

Give quantity requested and years of nomination:

Thirty five (35) tonnes of 100% MB formulation for the year 2021 for residential houses and industrial buildings.

5. BRIEF SUMMARY OF THE NEED FOR METHYL BROMIDE AS A CRITICAL USE

Describe the particular aspects of the nominated use that make methyl bromide use critical, e.g. lack of economic alternatives, unacceptable corrosion risk, lack of efficacy of alternatives under the particular circumstances of the nomination:

- Heat treatment are not yet optimised for the treatment of entire homes and is definitely not suitable for commercial buildings due to the size of the buildings concerned.
- Please note: entire home heat treatments, as undertaken in the United States, is unlikely to be successful locally. The brick/cement construction of the local homes causes a massive heat sink. This makes obtaining the required temperature, for complete mortality, difficult and places a high demand on energy requirements.
- Heat treatments are sub-economic due to the costs of importation of equipment. This is especially true for heating equipment used for entire house and factory treatments.
- Profume is registered for use and is undergoing commercialisation in South Africa.