

## Evaluation Report for Category B, Subcategory B.1.1 Application

**Application Number:** 2008-5308  
**Application:** Changes to Chemistry - New source, same registrant  
**Product:** Dupont Methomyl Technical  
**Registration Number:** 29457  
**Active ingredients (a.i.):** Methomyl  
**PMRA Document Number English PDF:** 2011594

### Purpose of Application

The purpose of this application is to add a new source of Dupont Methomyl Technical by the same registrant.

### Chemistry Assessment

Common name: Methomyl  
IUPAC Chemical Name: S-methyl (EZ)-N-(methylcarbamoyloxy)thioacetimidate  
CAS Chemical Name: methyl N-[[[(methylamino)carbonyl]oxy]ethanimidothioate

Dupont Methomyl Technical has the following properties:

Property	Results
Colour and physical state	Colourless solid
Nominal concentration	99.7 %
Odour	Slight sulphurous odour
Density	0.48 – 0.61 g/cc
Vapour pressure	0.72 mPa at 25°C
pH	6.6 for 1% solution
Solubility in water	57.9 g/L at 25°C
n-Octanol/water partition coefficient	log K <sub>OW</sub> = 0.093

The chemistry requirements for Dupont Methomyl Technical have been completed.

### Health, Environmental, and Value Assessments

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

### Conclusion

The PMRA has conducted a review of the available information for this application and has concluded that the addition of a new manufacturing site for the production of Dupont Methomyl Technical is acceptable.

### References

None

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