

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2017-3895  
**Application:** Changes to Technical Grade Active Ingredient Product Chemistry  
– New Source (site) same registrant  
**Product:** Technical Dazomet (Basamid Granular)  
**Registration Number:** 19413  
**Active ingredient (a.i.):** Dazomet  
**PMRA Document Number:** 2841120

### Purpose of Application

The purpose of this application was to register a new manufacturing source of Technical Dazomet (Basamid Granular), containing the active ingredient dazomet, by the same registrant.

### Chemistry Assessment

Common Name: Dazomet  
IUPAC\* Chemical Name: 3,5-dimethyl-1,3,5-thiadiazinane-2-thione  
CAS† Chemical Name: tetrahydro-3,5-dimethyl-2*H*-1,3,5-thiadiazine-2-thione

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Dazomet has the following properties:

Property	Result
Colour and physical state	White to slightly grey powder
Nominal concentration	97.0%
Odour	sulfurous
Bulk Density	0.6 – 0.7 g/mL
Vapour pressure	0.3 mPa (at 20°C)
pH	Not available
Solubility in water	3.5 g/L (20 - 25°C)
n-Octanol/water partition coefficient	log Kow = 0.63 (pH 7.0)

The required chemistry data for Technical Dazomet (Basamid Granular) 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 supports the registration of a new manufacturing source of Technical Dazomet (Basamid Granular), containing the active ingredient dazomet, by the same registrant.

## References

PMRA Document Number	References
2791914	2014, Dazomet ([CBI Removed]) Method of Manufacture, DACO: 2.11.1,2.11.2,2.11.3,2.11.4 CBI
2791915	2015, Determination of Dazomet and [CBI Removed] in Five Batches of Dazomet technical granules, DACO: 2.13.1,2.13.2,2.13.3 CBI

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